

2013 ACCESSORIES & EQUIPMENT

Seat Hardware, Trim, and Upholstery - Malibu

SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Driver or Passenger Seat Mounting Bolt	45 N.m	33 lb ft
Front Seat Adjust Track Finish Cover Bolt	3.5 N.m	31 lb in
Driver or Passenger Seat Inner Recliner Finish Cover Fastener	3.5 N.m	31 lb in
Driver or Passenger Seat Cushion Frame Bolt	35 N.m	26 lb ft
Driver or Passenger Seat Side Inflatable Restraint Module Nut	5.5 N.m	49 lb in
Driver or Passenger Seat Back Cushion Frame Bolt	35 N.m	26 lb ft
Driver or Passenger Seat Recliner Lever fastener	20 N.m	15 lb ft
Rear Seat Back Cushion Pivot Support Bolt	23 N.m	17 lb ft
Rear Seat Back Latch Fastener	45 N.m	33 lb ft
Rear Seat Back Cushion Hinge Nut	43 N.m	32 lb ft

REPAIR INSTRUCTIONS

DRIVER OR PASSENGER SEAT REMOVAL AND INSTALLATION

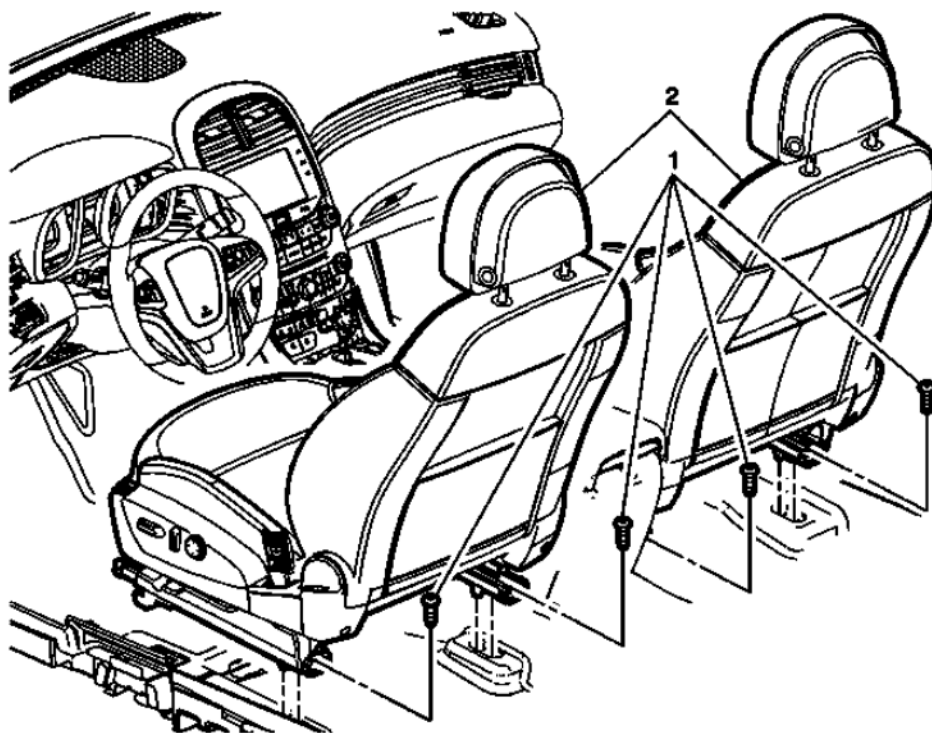


Fig. 1: Front Seat Assembly And Front Seat Bolt
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Removal and Installation

Callout	Component Name
WARNING: Refer to <u>SIR Warning</u> .	
Preliminary Procedures 1. Disable the SIR system. Refer to <u>SIR Disabling and Enabling</u> . 2. Disconnect the front seat belt tensioner fastener by removing the cap, bolt, and cover. Refer to <u>Driver or Passenger Seat Retractor Side Belt Replacement</u> .	
1	Front Seat Bolt (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Procedure Adjust the seat to the full forward position to gain access to the rear bolts. Tighten 45 N.m (33 lb ft)

2	Front Seat Assembly (Qty: 2) Procedure 1. Disconnect the electrical. 2. With the aid of an assistant remove the front seat, by tilting the seat forward and then lifting and pulling the seat rearwards to disengage the front hooks. 3. Transfer components as necessary.
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FRONT SEAT ADJUSTER KNOB REPLACEMENT

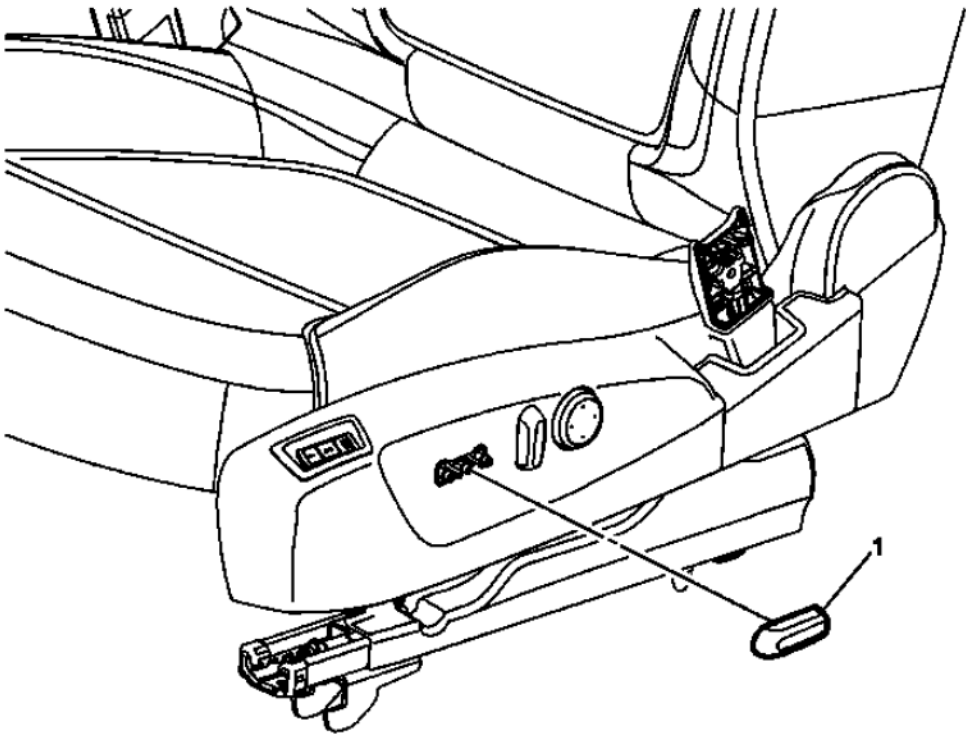


Fig. 2: Front Seat Adjuster Knob
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Adjuster Knob Replacement

Callout	Component Name
1	Front Seat Adjuster Knob TIP: Use a small flat-bladed tool to clip out the knob.

DRIVER OR PASSENGER SEAT ADJUSTER HANDLE REPLACEMENT

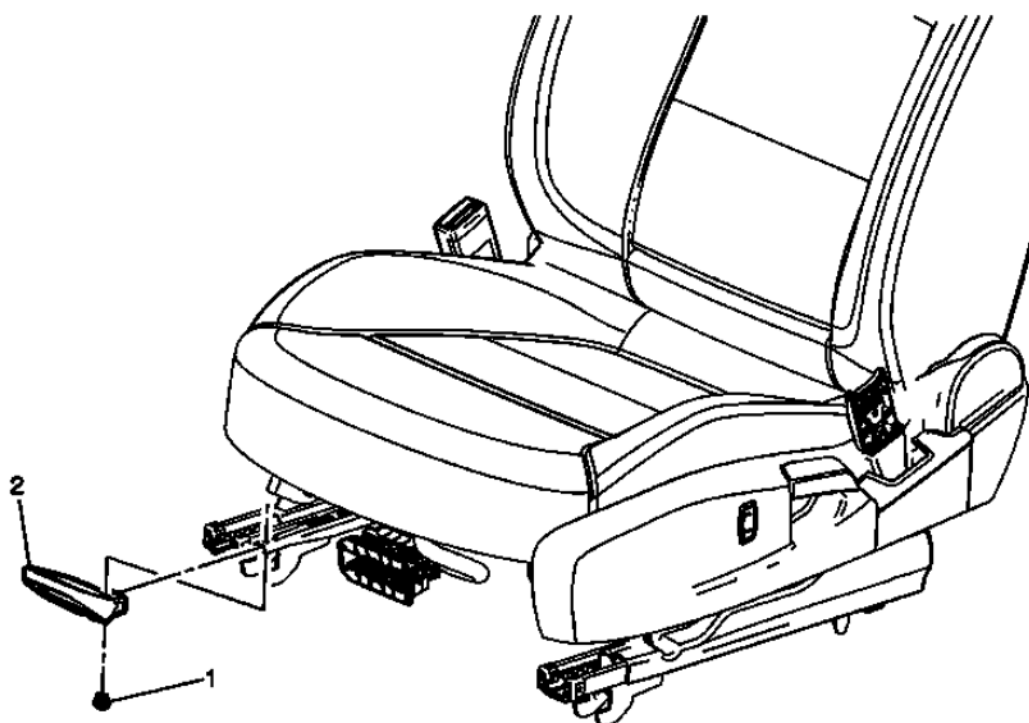


Fig. 3: Driver or Passenger Seat Adjuster Handle
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Adjuster Handle Replacement

Callout	Component Name
1	Driver or Passenger Seat Adjuster Handle Retainer CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2 N.m (18 lb in)
2	Driver or Passenger Seat Adjuster Handle

FRONT SEAT ADJUSTER TRACK FINISH COVER REPLACEMENT

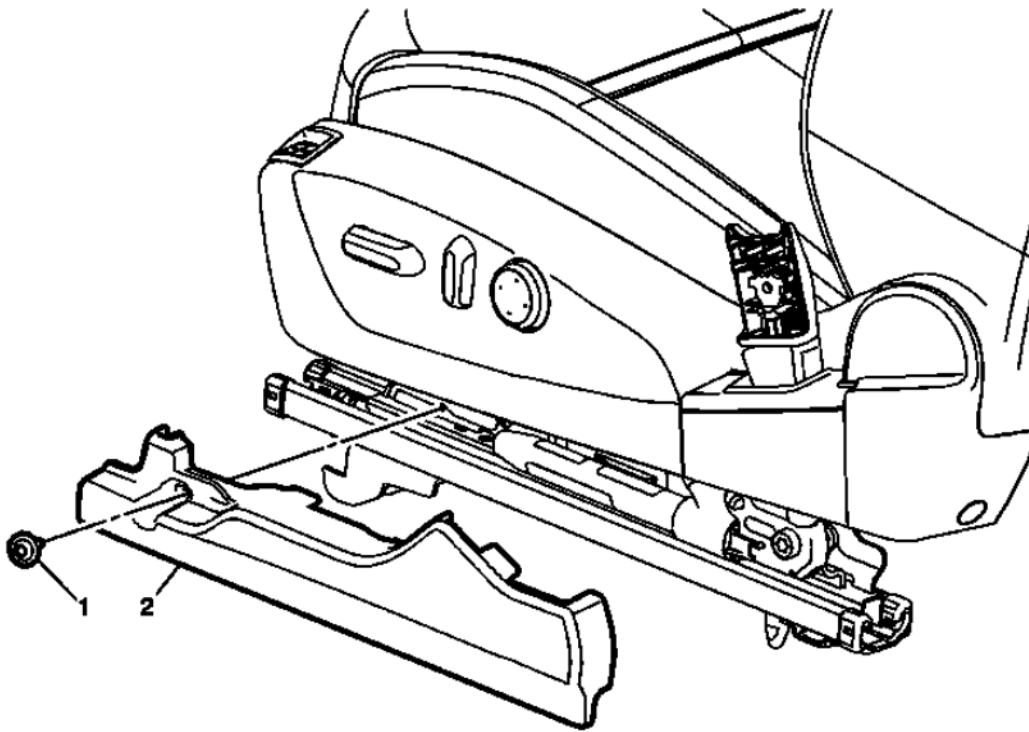


Fig. 4: Front Seat Adjuster Track Finish Cover
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Adjuster Track Finish Cover Replacement

Callout	Component Name
1	Front Seat Adjuster Track Finish Cover Fastener CAUTION: Refer to <u>Fastener Caution</u> . Tighten 3.5 N.m (31 lb in)
2	Front Seat Adjuster Track Finish Cover Procedure 1. Move front seat height adjuster into the middle position. 2. Move the driver or passenger seat fully forward. 3. Clip out the front seat adjuster track finish cover at rear. 4. Move the front seat adjuster track finish cover at front. 5. Remove the front seat adjuster track finish cover.

DRIVER OR PASSENGER SEAT HEAD RESTRAINT REPLACEMENT

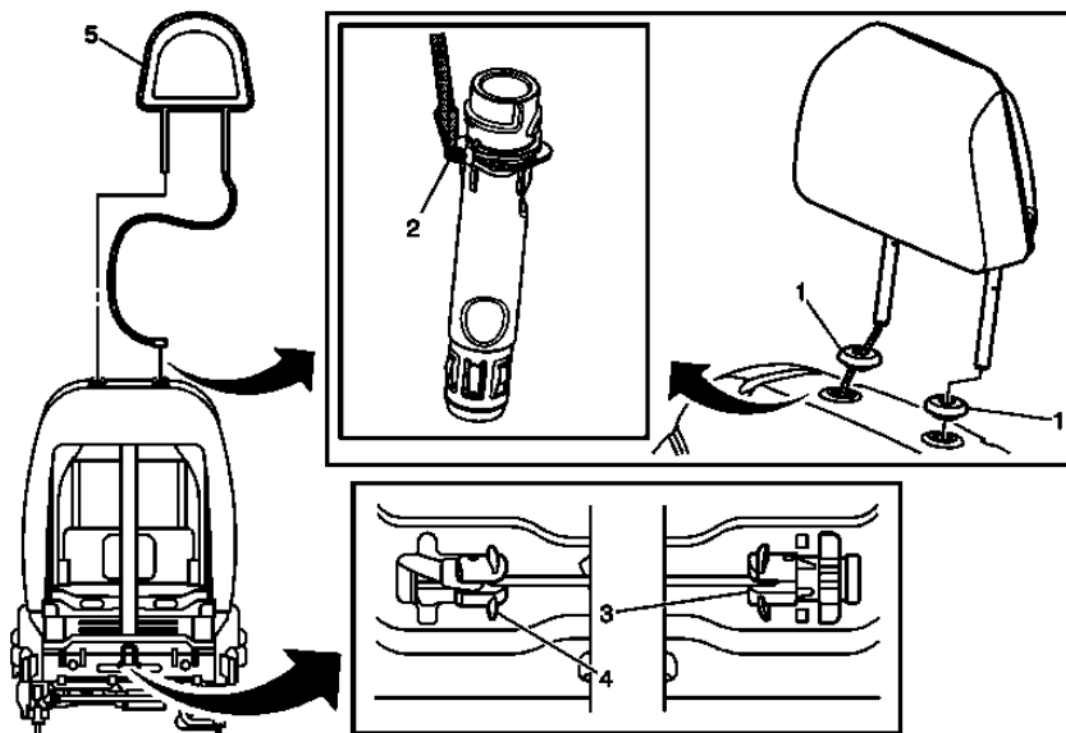


Fig. 5: View Of Driver Or Passenger Seat Head Restraint (With AHS)
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Head Restraint Replacement

Callout	Component Name
1	Driver or Passenger Seat Head Restraint Bezel (Qty: 2) Procedure 1. Raise the headrest to gain access to the head restraint bezel. 2. Twist the bezel counter clockwise and push the bezel upward on the head restraint shaft.
2	Driver or Passenger Seat Head Restraint Clip (Qty: 2) Procedure Using a suitable pointed or flat bladed tool, push the metal clip forward while pulling upward on the head restraint.
3	Bowden Cable at Actuator Right Side Procedure 1. To gain access to the actuator cable see the seat back cover replacement procedure. Refer to <u>Driver or Passenger Seat Back Cushion Cover Replacement</u> 2. Disengage the head restraint cable from the head restraint actuator retainers on the right side.

4	Bowden Cable at Actuator Left Side Procedure Disengage the head restraint cable from the head restraint actuator retainers on the left side.
5	Driver or Passenger Seat Head Restraint Procedure 1. Disengage the head restraint cable strap, if equipped. 2. Note the routing of the head restraint cable for installation.

FRONT SEAT HEAD RESTRAINT GUIDE REPLACEMENT

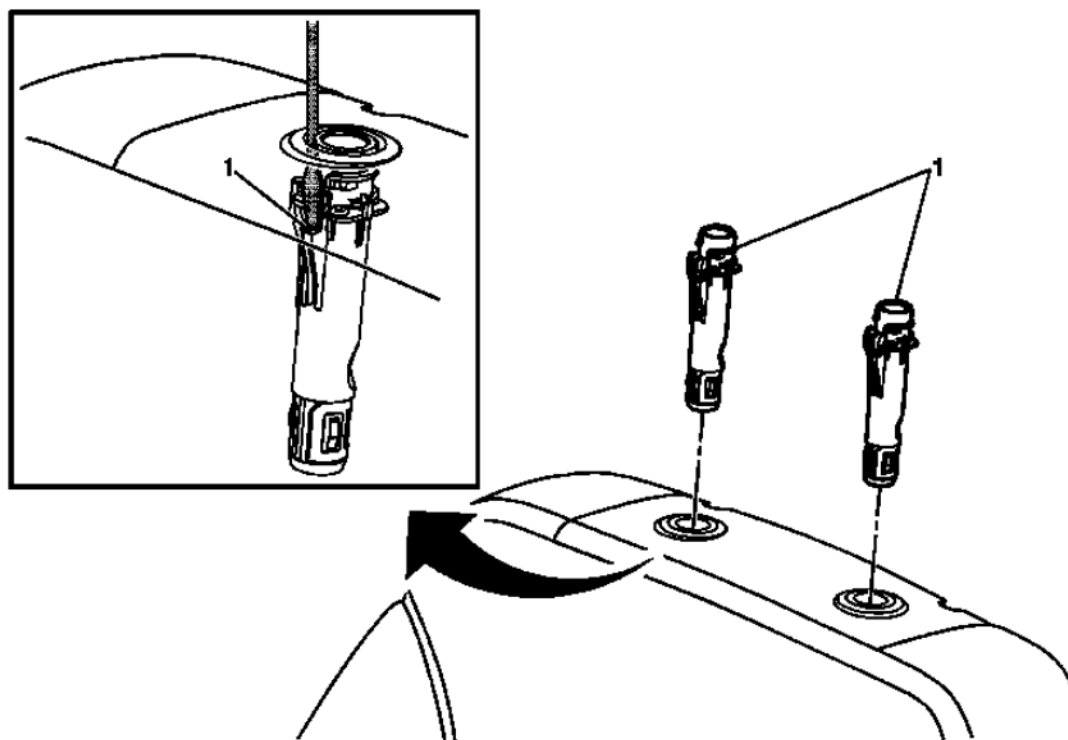


Fig. 6: Identifying Front Seat Head Restraint Adjust Rod Guides
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Head Restraint Guide Replacement

Callout	Component Name
Preliminary Procedure Remove the driver or passenger seat head restraint. Refer to <u>Driver or Passenger Seat Head Restraint Replacement</u> .	
1	Driver or Passenger Seat Head Restraint Adjust Guide (Qty: 2) Procedure Using a suitable flat-bladed tool, slide the tool on the outside of the guide until it finds the slot. Then push the plastic slot inward and pull

up upward to remove the guide from the seat back frame.

DRIVER OR PASSENGER SEAT HEAD RESTRAINT ACTUATOR REPLACEMENT

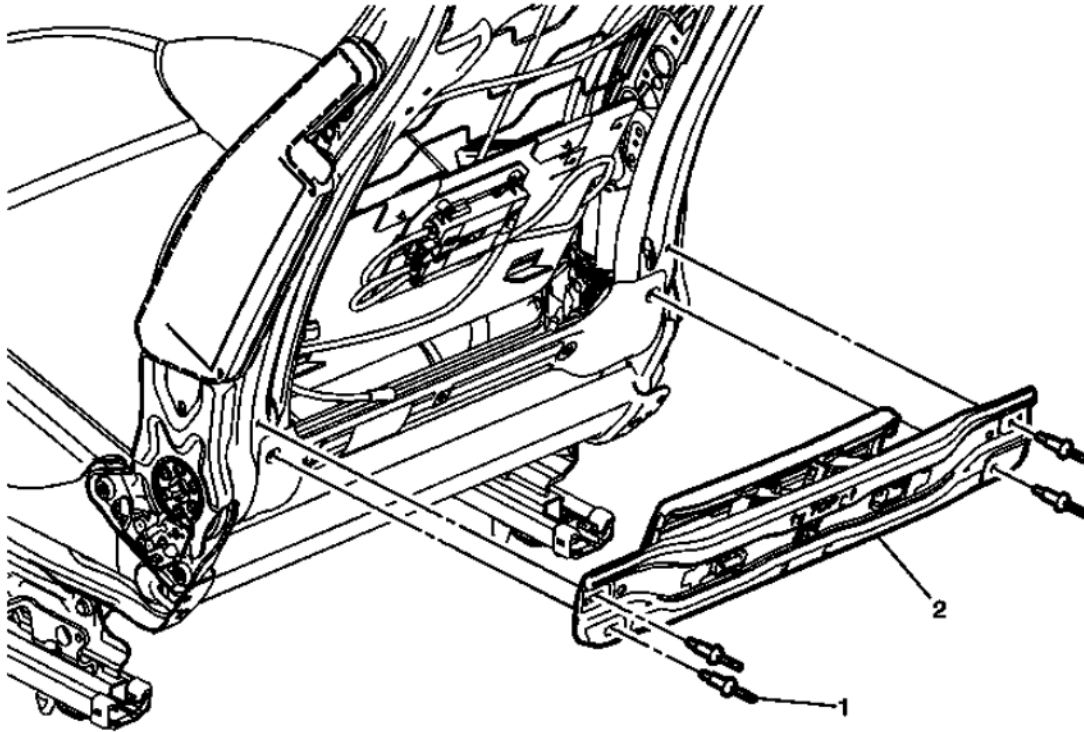


Fig. 7: Driver or Passenger Seat Head Restraint Actuator
Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Head Restraint Actuator Replacement

Callout	Component Name
Preliminary Procedures	
1. Remove the driver or passenger seat. Refer to <u>Driver or Passenger Seat Removal and Installation</u> .	
2. Remove the front seat back cushion pad. Refer to <u>Front Seat Back Pad Replacement</u>	
1	Driver or Passenger Seat Head Restraint Actuator Rivet (Qty: 4) WARNING: Use the proper eye protection when drilling to prevent metal chips from causing physical injury. Procedure Drill out rivets at the front seat head restraint actuator.
	Driver or Passenger Seat Head Restraint Actuator

2	Procedure 1. Disengage the head restraint cable from the head restraint actuator retainers on both the left and right side. 2. Remove the head restraint actuator from the seat back frame.
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FRONT SEAT BELT ANCHOR PLATE TENSIONER COVER REPLACEMENT

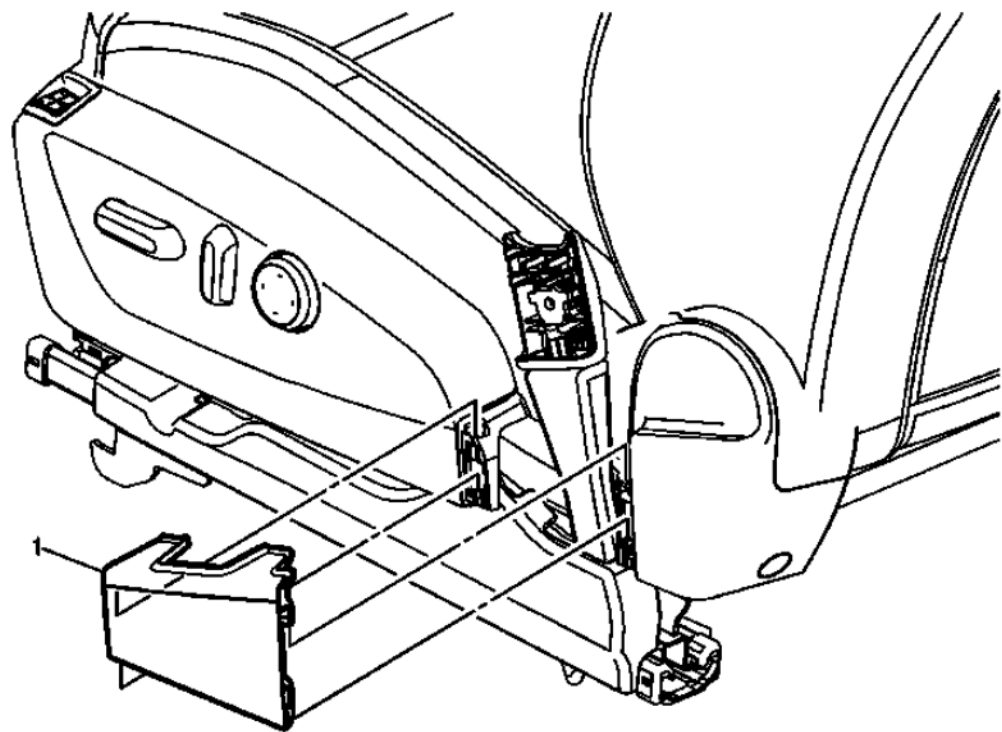


Fig. 8: Front Seat Belt Anchor Plate Tensioner Cover
Courtesy of GENERAL MOTORS COMPANY

Front Seat Belt Anchor Plate Tensioner Cover Replacement

Callout	Component Name
1	Front Seat Belt Anchor Plate Tensioner Cover Procedure To remove the front seat belt anchor plate tensioner cover move the driver or passenger seat full forward and move the high adjuster in middle position and pull the cover upward.

DRIVER OR PASSENGER SEAT OUTER RECLINER FINISH COVER REPLACEMENT (POWER)

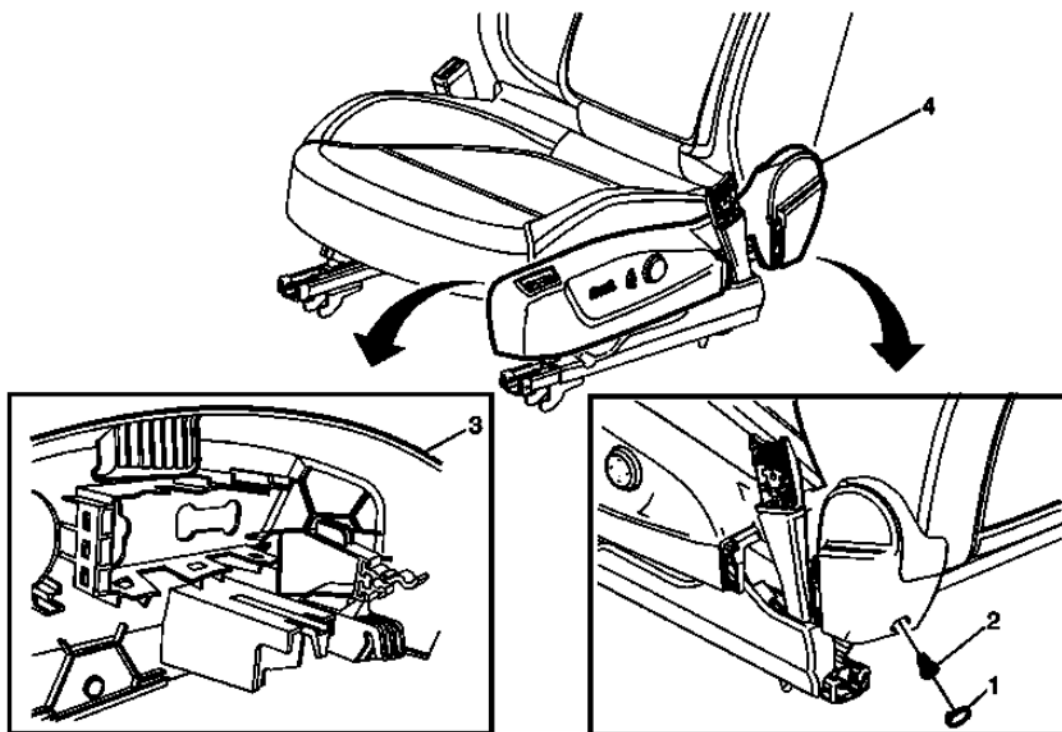


Fig. 9: Driver or Passenger Seat Outer Recliner Finish Cover (Power)
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Outer Recliner Finish Cover Replacement (Power)

Callout	Component Name
Preliminary Procedures	
1.	Remove the seat belt from the seat belt anchor. Refer to <u>Driver or Passenger Seat Retractor Side Belt Replacement</u>
2.	Remove the front seat belt anchor plate tensioner cover. Refer to <u>Front Seat Belt Anchor Plate Tensioner Cover Replacement</u>
3.	Remove the front seat recliner knob, if equipped. Refer to <u>Front Seat Recliner Knob Replacement</u> .
4.	Remove the front seat adjuster, if equipped. Refer to <u>Front Seat Adjuster Knob Replacement</u>
5.	Remove the driver or passenger seat lumbar control switch, if equipped. Refer to <u>Driver or Passenger Seat Lumbar Control Switch Replacement</u>
6.	Remove the driver seat adjuster memory switch, if equipped. Refer to <u>Driver Seat Adjuster Memory Switch Replacement</u>
1	Driver or Passenger Seat Outer Recliner Finish Cover Cap
2	Driver or Passenger Seat Outer Recliner Finish Cover Fastener
	Driver or Passenger Seat Outer Recliner Finish Cover Retainer
	Procedure

3	1. Disengage front retainer. 2. Pull up on the front of cover to disengage the front hook. 3. Carefully pull up on the center of the cover to disengage the center hook.
4	Driver or Passenger Seat Outer Recliner Finish Cover Procedure 1. Remove the driver seat adjuster and recliner switch. Refer to <u>Driver Seat Adjuster and Recliner Switch Replacement</u> . Electrical connector can not be disconnected when switch is installed. 2. Disconnect the electrical connector. 3. Disengage and remove the remainder of the finish cover by pulling the cover upward and outboard away from the seat. NOTE: When reinstalling the finish cover, re-snap the front retainer together around the finish cover retainer rod.

DRIVER OR PASSENGER SEAT OUTER RECLINER FINISH COVER REPLACEMENT (MANUAL)

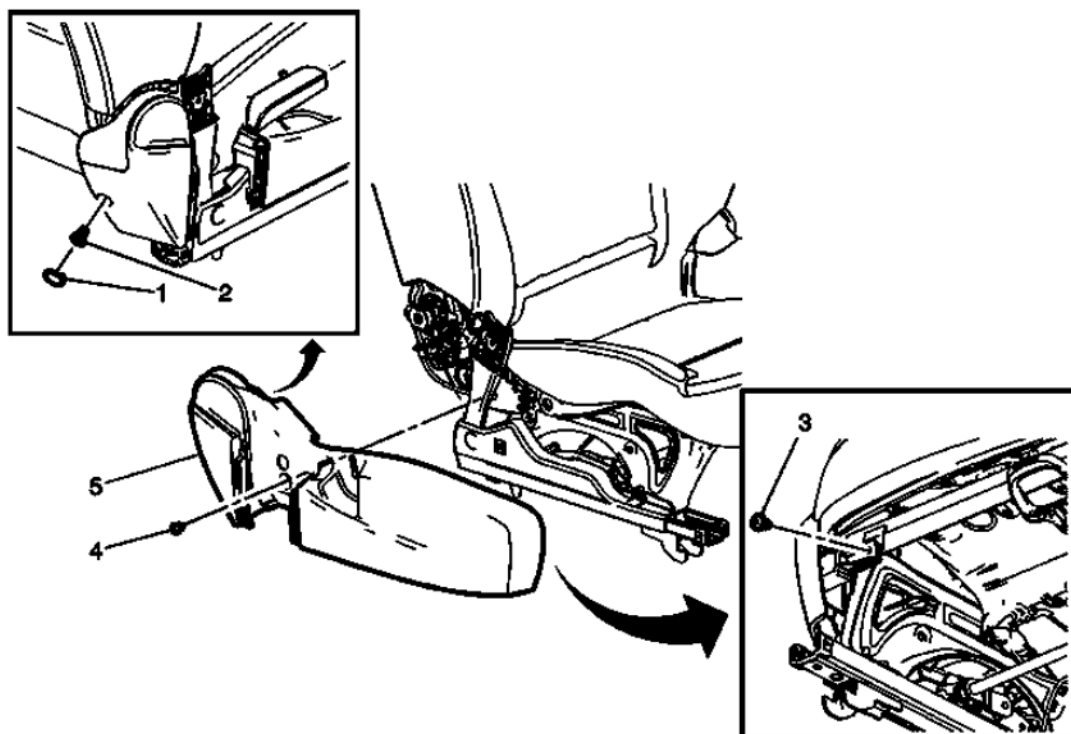


Fig. 10: Driver or Passenger Seat Outer Recliner Finish Cover (Manual)
Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Outer Recliner Finish Cover Replacement (Manual)

Callout	Component Name
Preliminary Procedures 1. Remove the seat belt from the seat belt anchor. Refer to <u>Driver or Passenger Seat Retractor Side Belt Replacement</u> 2. Remove the front seat belt anchor plate tensioner cover. Refer to <u>Front Seat Belt Anchor Plate Tensioner Cover Replacement</u> 3. Remove the driver or passenger seat recliner lever. Refer to <u>Driver or Passenger Seat Recliner Lever Replacement</u>.	
1	Driver or Passenger Seat Outer Recliner Finish Cover Cap
2	Driver or Passenger Seat Outer Recliner Finish Cover Screw (Rear)
3	Driver or Passenger Seat Outer Recliner Finish Cover Screw (Front)
4	Driver or Passenger Seat Outer Recliner Finish Cover Screw (Side)
5	Driver or Passenger Seat Outer Recliner Finish Cover Procedure 1. Disconnect the electrical connector. 2. Disengage and remove the remainder of the finish cover by pulling the cover upward and outboard away from the seat. 3. If replacing the cover, transfer components as necessary.

DRIVER OR PASSENGER SEAT INNER RECLINER FINISH COVER REPLACEMENT

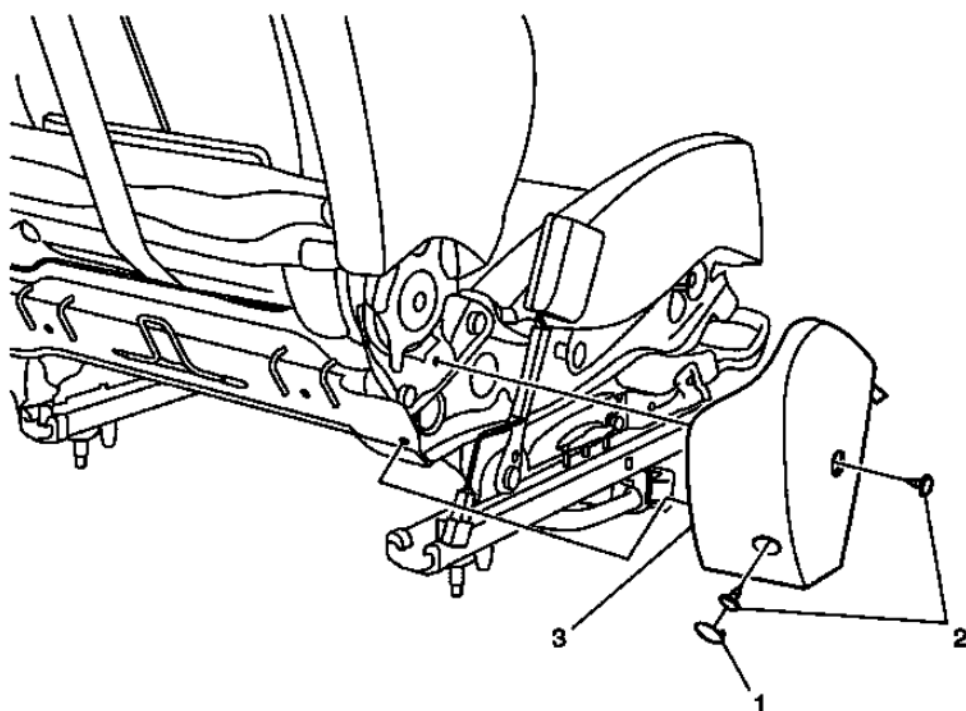


Fig. 11: Driver or Passenger Seat Inner Recliner Finish Cover & Fasteners
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Inner Recliner Finish Cover Replacement

Callout	Component Name
Preliminary Procedure Remove the driver or passenger seat. Refer to <u>Driver or Passenger Seat Removal and Installation</u> .	
1	Driver or Passenger Seat Inner Recliner Finish Cover Cap
2	Driver or Passenger Seat Inner Recliner Finish Cover Fastener (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 3.5 N.m (31 lb in)
3	Driver or Passenger Seat Inner Recliner Finish Cover

DRIVER OR PASSENGER SEAT CUSHION FRAME REPLACEMENT

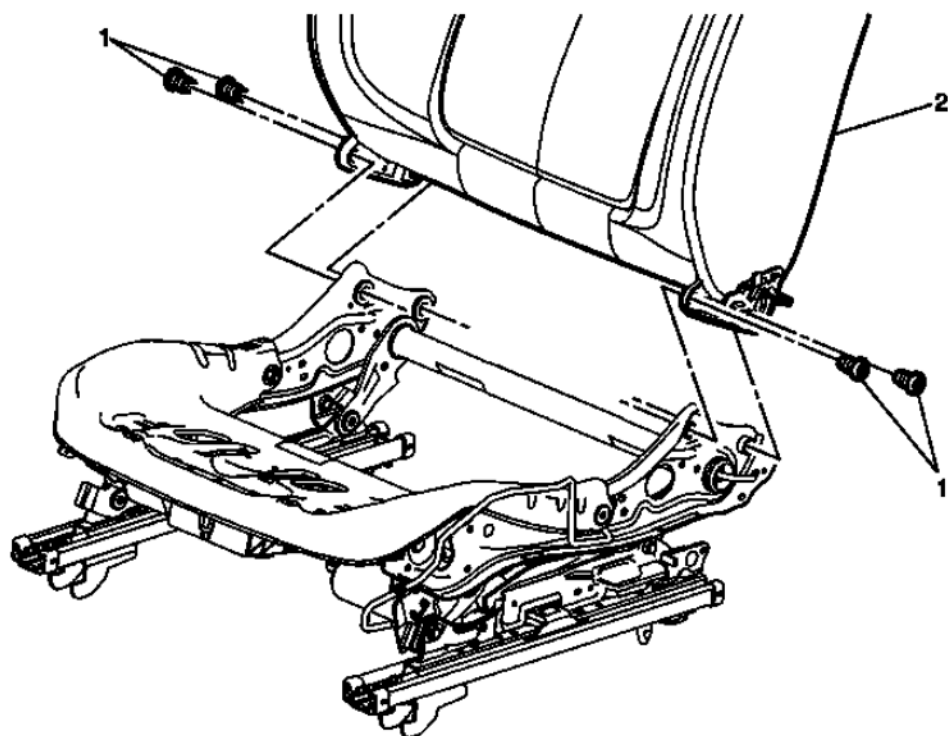


Fig. 12: Driver or Passenger Seat Cushion Frame
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Cushion Frame Replacement

Callout	Component Name
WARNING: Refer to <u>SIR Warning</u> .	
Preliminary Procedure 1. Remove the front seat. Refer to <u>Driver or Passenger Seat Removal and Installation</u>. 2. Remove the front seat cushion cover and pad. Refer to <u>Front Seat Cushion Cover and Pad Replacement</u>. 3. Remove the front seat belt buckle. Refer to <u>Front Seat Belt Buckle Replacement</u> . 4. Remove the front seat belt anchor plate tensioner. Refer to <u>Front Seat Belt Anchor Plate Tensioner Replacement</u> .	
1	Driver or Passenger Seat Cushion Frame Bolt (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 35 N.m (26 lb ft)

2	Driver or Passenger Seat Cushion Frame Procedure 1. Disconnect electrical connectors as needed. 2. If replacing with a new front seat cushion frame, transfer components as necessary.
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FRONT SEAT CUSHION COVER AND PAD REPLACEMENT

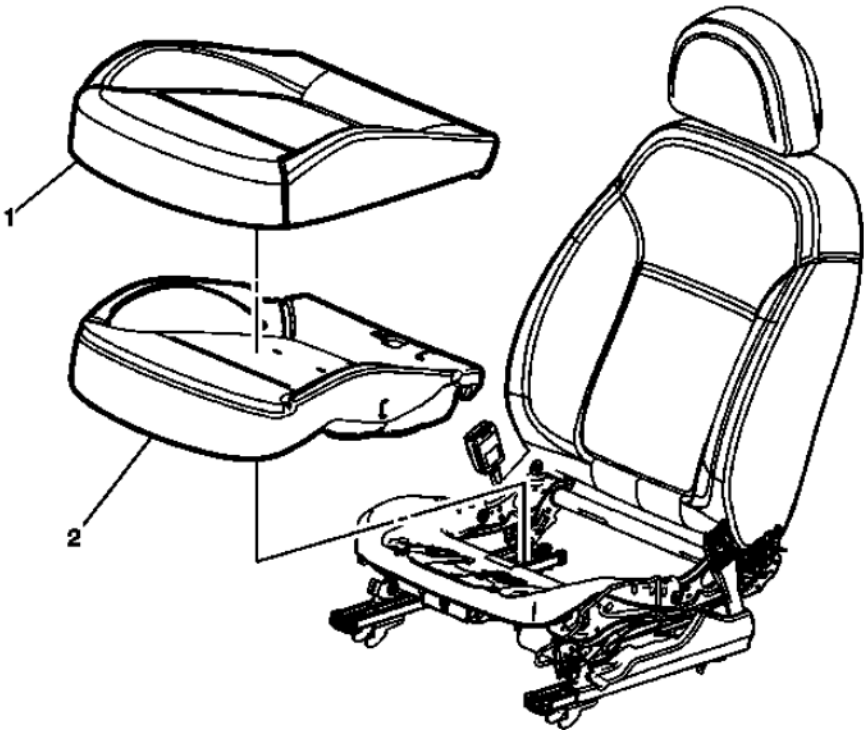


Fig. 13: Front Seat Cushion Cover and Pad
Courtesy of GENERAL MOTORS COMPANY

Front Seat Cushion Cover and Pad Replacement

Callout	Component Name
WARNING: Refer to <u>SIR Warning</u> . Preliminary Procedures 1. Remove the driver or passenger seat. Refer to <u>Driver or Passenger Seat Removal and Installation</u>. 2. Remove the driver or passenger seat outer recliner finish cover. Refer to <u>Driver or Passenger Seat Outer Recliner Finish Cover Replacement (Power)</u>, <u>Driver or Passenger Seat Outer Recliner</u>	

Finish Cover Replacement (Manual).

3. Remove the driver or passenger seat inner recliner finish cover. Refer to **Driver or Passenger Seat Inner Recliner Finish Cover Replacement**.
4. Whenever the inflatable restraint passenger presence system or any component of the passenger presence system is removed. Refer to **Control Module References**.

1	Front Seat Cushion Cover Procedure 1. Disengage the J-channel from the seat cushion frame. 2. Disconnect the electrical connectors that attach to the seat cushion, if equipped. 3. Remove the seat cushion cover and pad from the seat cushion frame as an assembly. 4. Remove the hog rings from the under side of the seat cushion. 5. Separate the seat cushion cover from the seat cushion pad by pulling the cover away from the pad. 6. If replacing the cushion foam pad, transfer components as necessary. NOTE: Notice the routing of the wiring harness and connector location if equipped, for installation.
2	Front Seat Cushion Pad Procedure For passenger seat remove the passenger presence sensor mat. Refer to <u>Airbag Front Passenger Presence Sensor Replacement</u>

DRIVER OR PASSENGER SEAT BACK CUSHION COVER REPLACEMENT

Removal Procedure

WARNING: Refer to **SIR Warning**.

1. Disable the SIR System. Refer to **SIR Disabling and Enabling**.
2. Remove the driver or passenger seat. Refer to **Driver or Passenger Seat Removal and Installation**.
3. Remove the driver or passenger seat outer recliner finish cover. Refer to **Driver or Passenger Seat Outer Recliner Finish Cover Replacement (Power)**, **Driver or Passenger Seat Outer Recliner Finish Cover Replacement (Manual)**.
4. Remove the driver or passenger seat inner recliner finish cover. Refer to **Driver or Passenger Seat Inner Recliner Finish Cover Replacement**.
5. Remove the driver or passenger seat head restraint. Refer to **Driver or Passenger Seat Head Restraint**

Replacement.

6. Remove the cover by unclipping the two lower retainers and then slide the cover down.

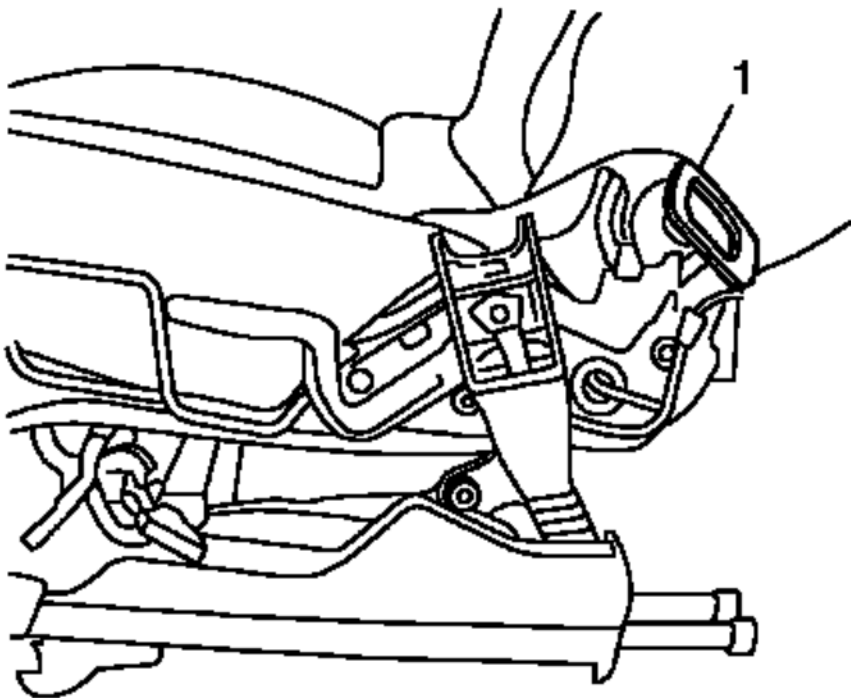


Fig. 14: Cushion Strap And Seat Frame
Courtesy of GENERAL MOTORS COMPANY

7. Unhinge the cushion strap (1) from the seat frame.

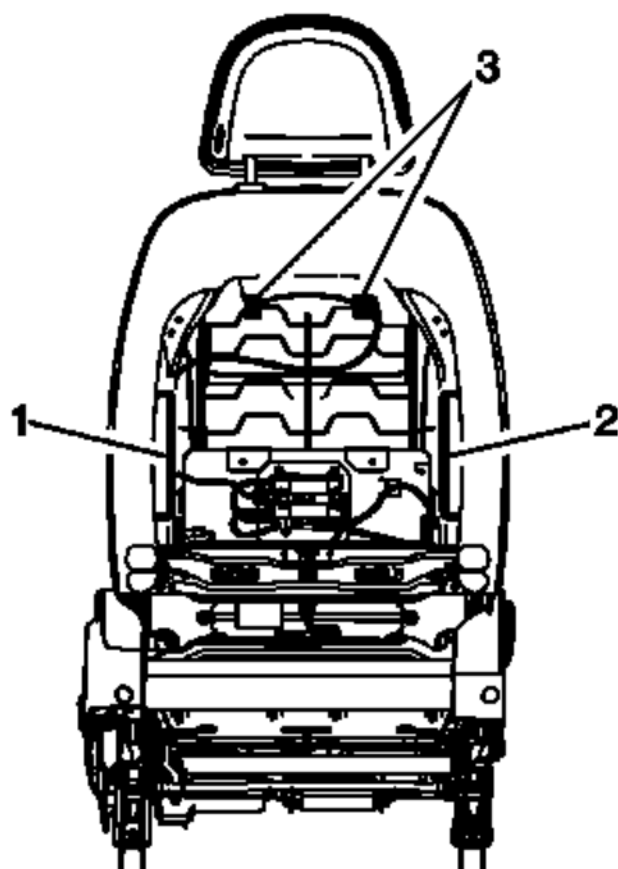


Fig. 15: Front Seat Back Cushion From The Backrest
Courtesy of GENERAL MOTORS COMPANY

8. Release the front seat back cushion from the backrest left side (1) and right side (2).
9. Remove hog rings (3) to release the front seat back cushion from backrest.

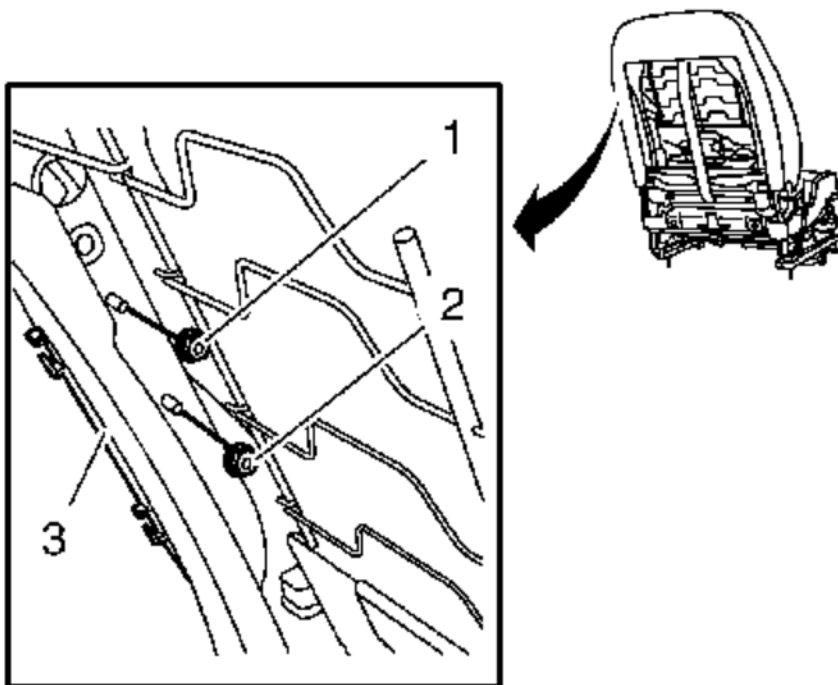


Fig. 16: Seat Side Inflatable Restraint Module And Nuts
Courtesy of GENERAL MOTORS COMPANY

10. Release both fasteners (1, 2) from the seat side inflatable restraint module (3).

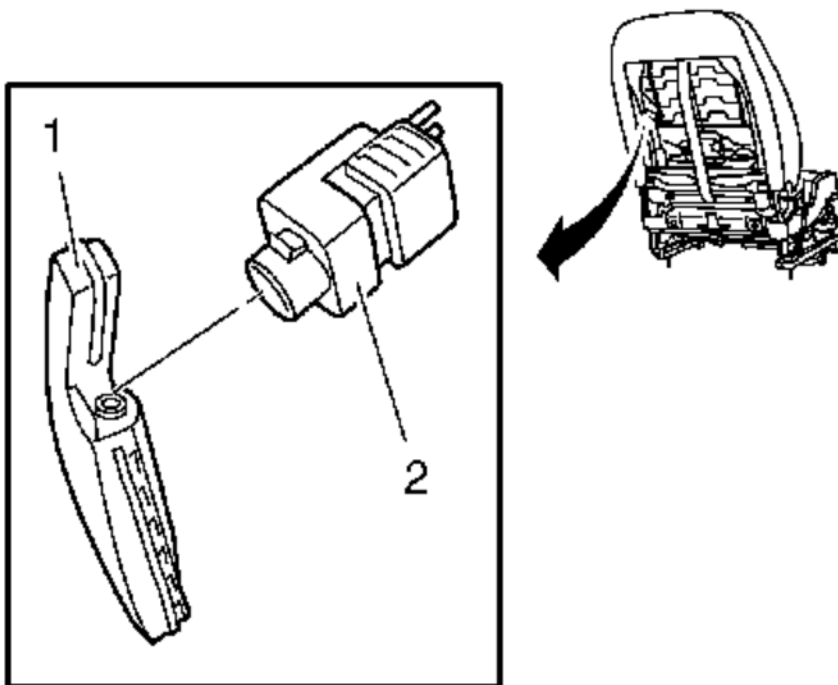


Fig. 17: Wiring Harness Connector And From Seat Side Inflatable Restraint Module
Courtesy of GENERAL MOTORS COMPANY

11. Disconnect the wiring harness connector (2) from the seat side inflatable restraint module (1).

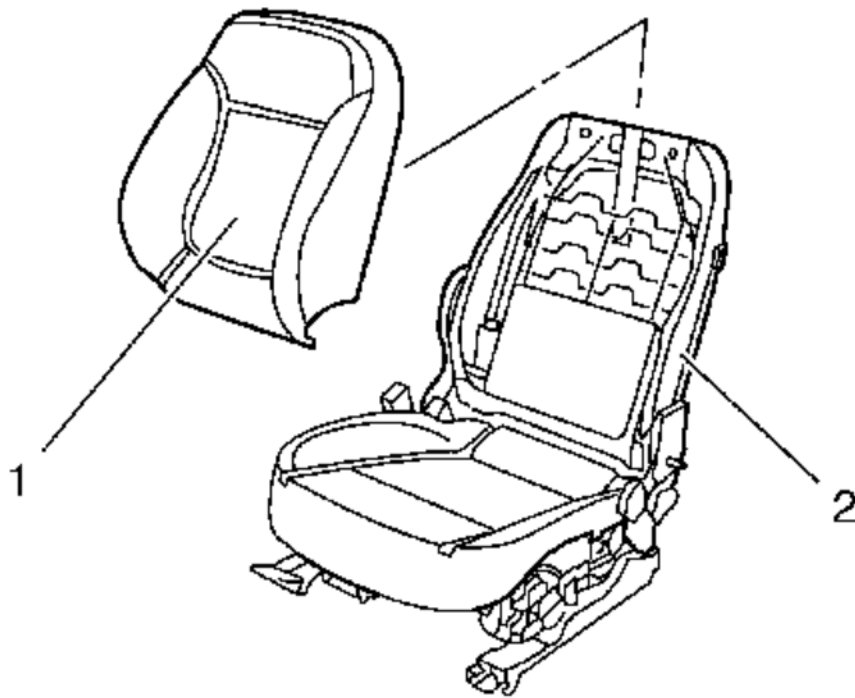


Fig. 18: Front Seat Back Cushion With Cushion Pad And Backrest Frame
Courtesy of GENERAL MOTORS COMPANY

12. Remove the front seat back cushion with the cushion pad (1) from the backrest frame (2).

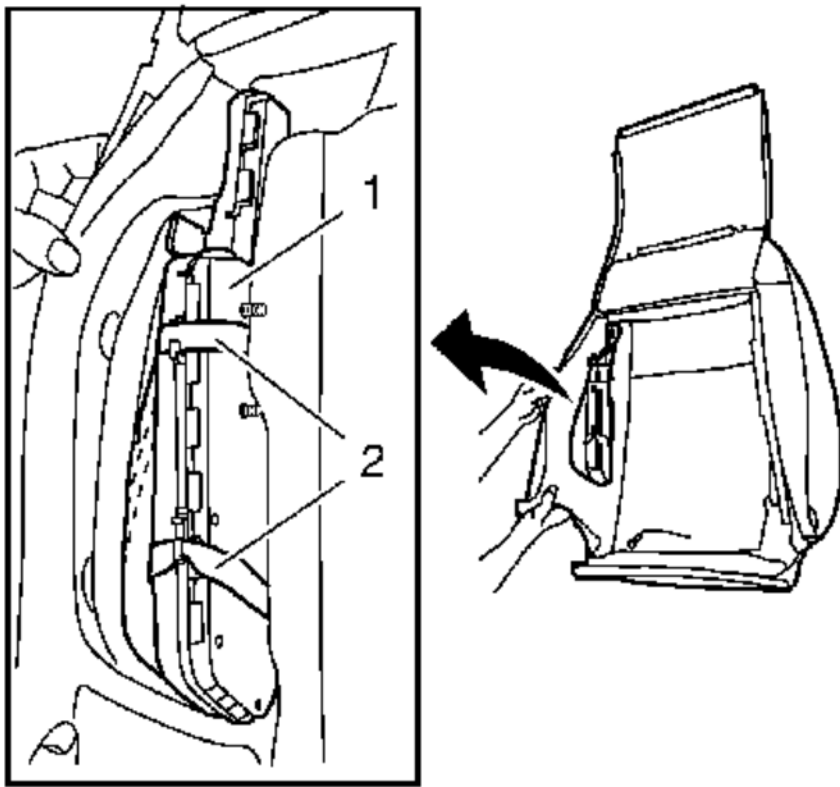


Fig. 19: Seat Side Inflatable Restraint Module And Textile Straps
Courtesy of GENERAL MOTORS COMPANY

13. Remove the seat side inflatable restraint module (1) out of the textile (2) bag.

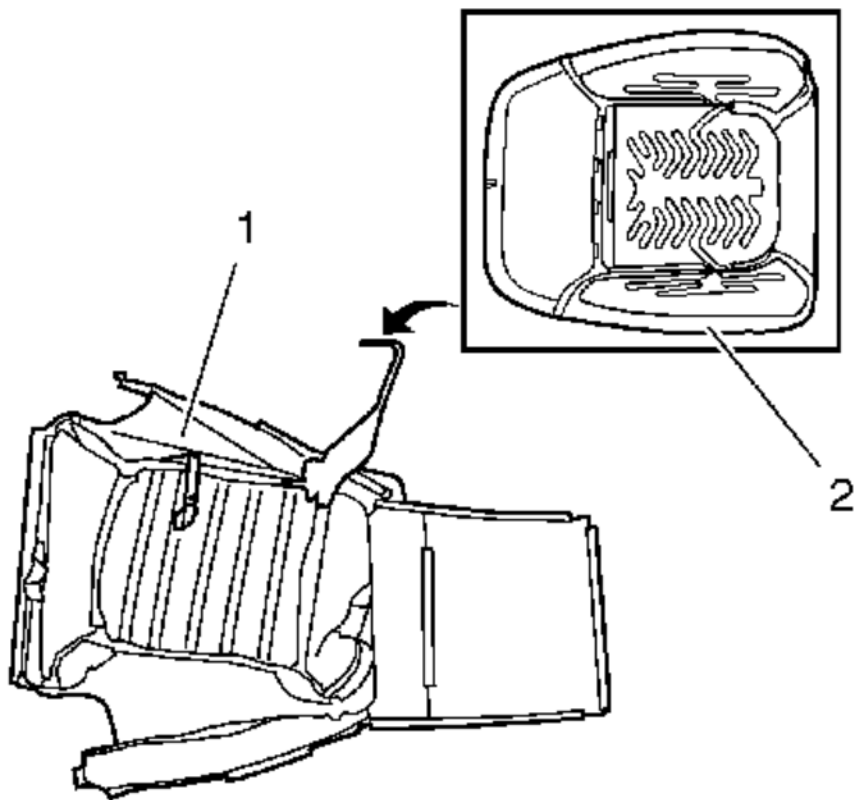


Fig. 20: Under Side Of Seat Cushion
Courtesy of GENERAL MOTORS COMPANY

14. Remove the hog rings from the seat cushion back (1), pull the cushion back cover from the cushion back pad (2).

Installation Procedure

1. Install the seat side inflatable restraint module (1) to the textile bag (2).

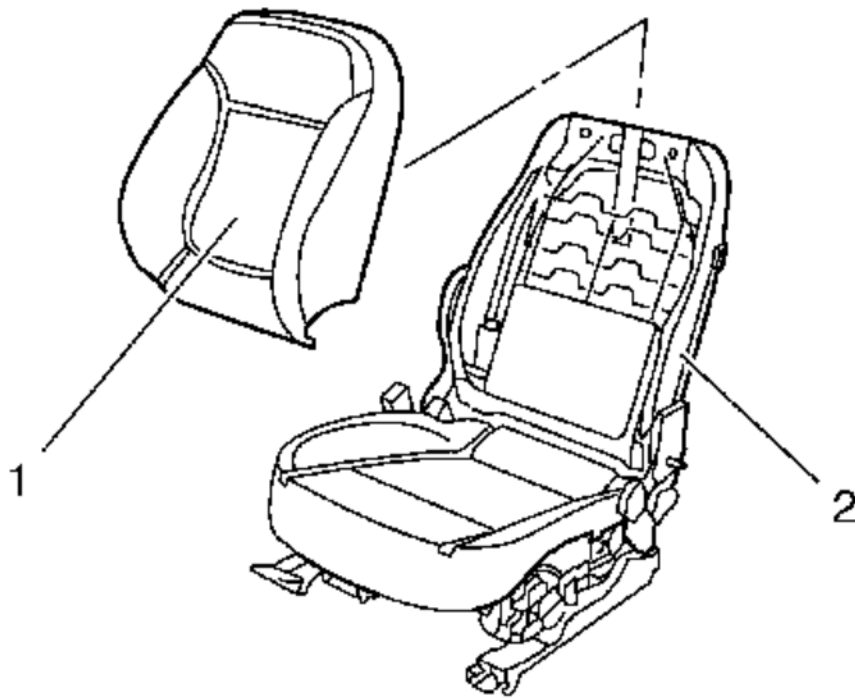


Fig. 21: Front Seat Back Cushion With Cushion Pad And Backrest Frame
Courtesy of GENERAL MOTORS COMPANY

2. Install the front seat cushion back cover to the cushion back pad with new hog rings.

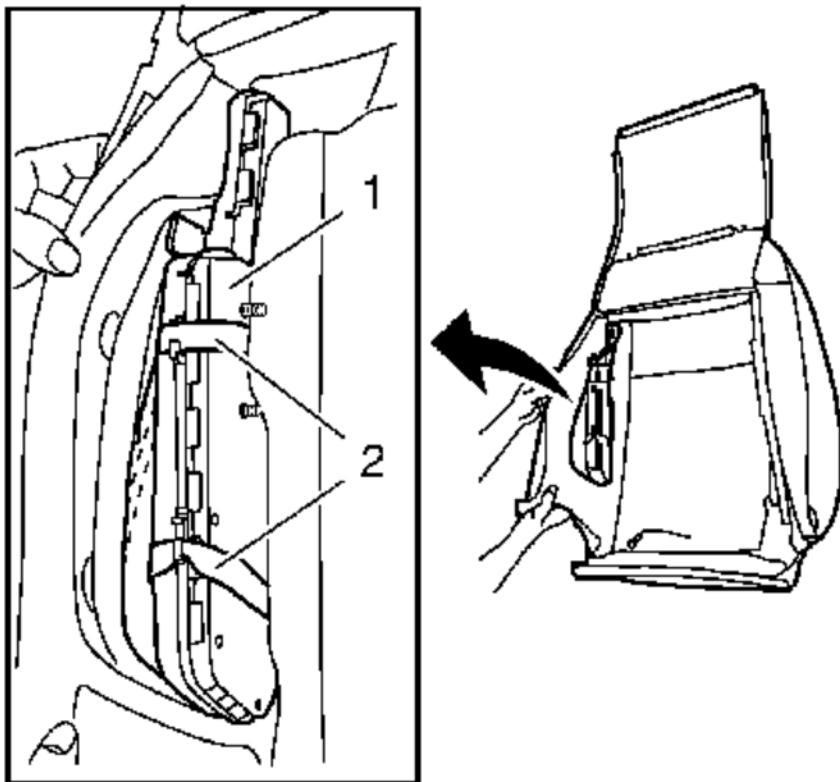


Fig. 22: Seat Side Inflatable Restraint Module And Textile Straps
Courtesy of GENERAL MOTORS COMPANY

3. Install the front seat back cushion with cushion back pad (1) to the backrest frame (2).

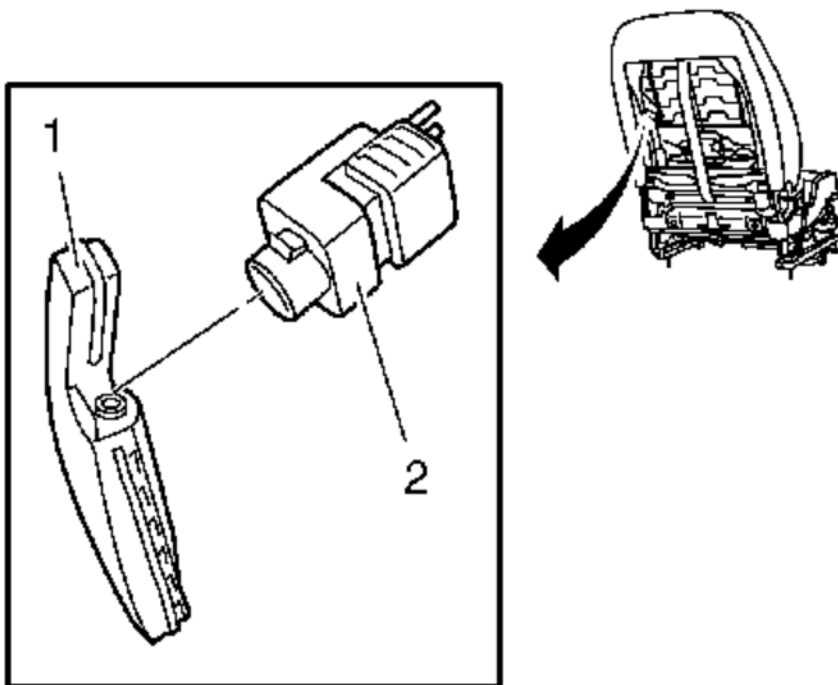


Fig. 23: Wiring Harness Connector And From Seat Side Inflatable Restraint Module
Courtesy of GENERAL MOTORS COMPANY

NOTE: Check the correct locking of wiring harness connector (2).

4. Connect the wiring harness connector (2) to the seat side inflatable restraint module (1).

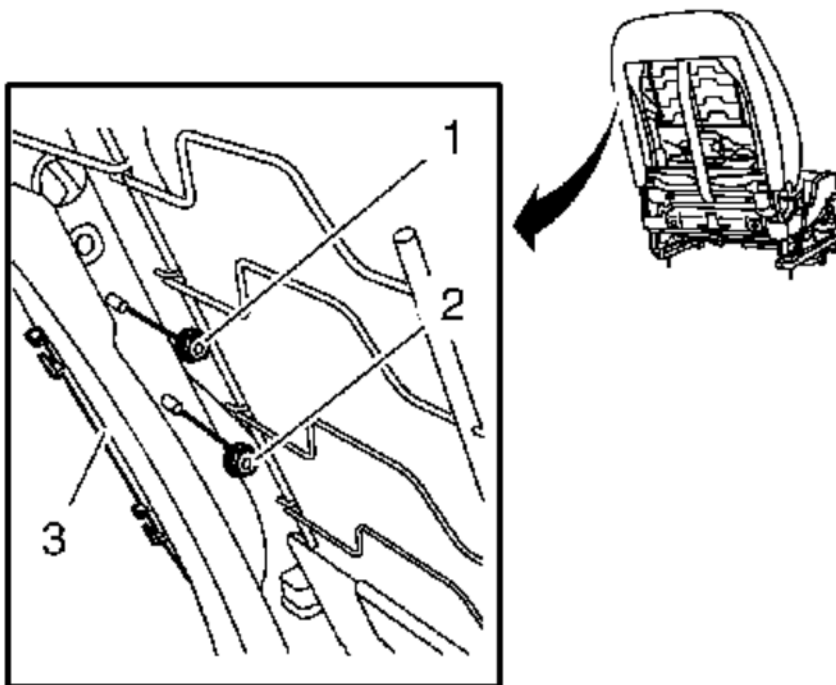


Fig. 24: Seat Side Inflatable Restraint Module And Nuts
Courtesy of GENERAL MOTORS COMPANY

CAUTION: Refer to Fastener Caution .

5. Position the seat side inflatable restraint module (3) to the backrest frame. Tighten both fasteners (1, 2) to the seat side inflatable restraint module (3).

Tighten

3.25 N.m (29 lb in)

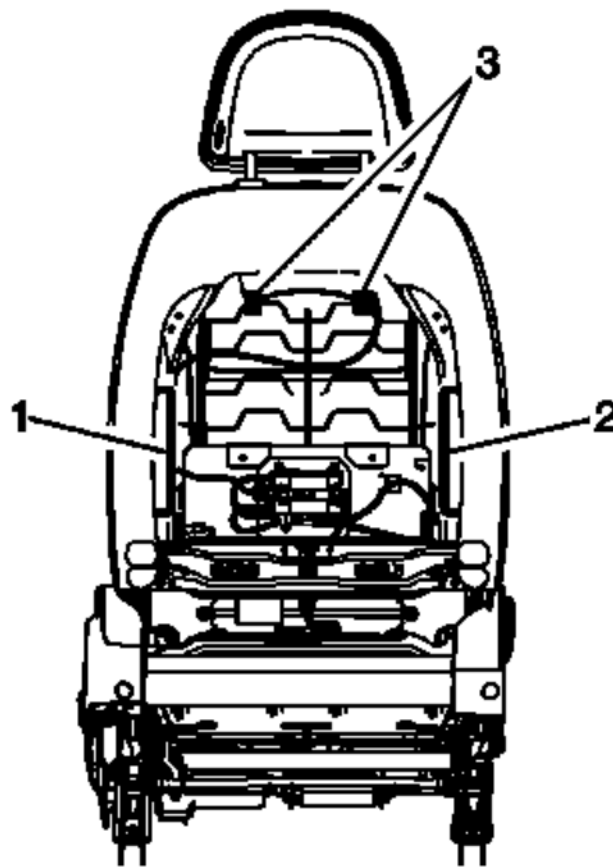


Fig. 25: Front Seat Back Cushion And Backrest
Courtesy of GENERAL MOTORS COMPANY

6. Install the front seat back cushion to the backrest left side (1) and right side (2).
7. Install the front seat cushion back cover with new hog rings (3).
8. Install the driver or passenger seat head restraint. Refer to **Driver or Passenger Seat Head Restraint Replacement**.
9. Close the cushion back at backrest rear side.
10. Install the driver or passenger seat inner recliner finish cover. Refer to **Driver or Passenger Seat Inner Recliner Finish Cover Replacement**.
11. Install the driver or passenger seat outer recliner finish cover. Refer to **Driver or Passenger Seat Outer Recliner Finish Cover Replacement (Power)**, **Driver or Passenger Seat Outer Recliner Finish Cover Replacement (Manual)**.
12. Install driver or passenger seat. Refer to **Driver or Passenger Seat Removal and Installation**.

FRONT SEAT BACK PAD REPLACEMENT

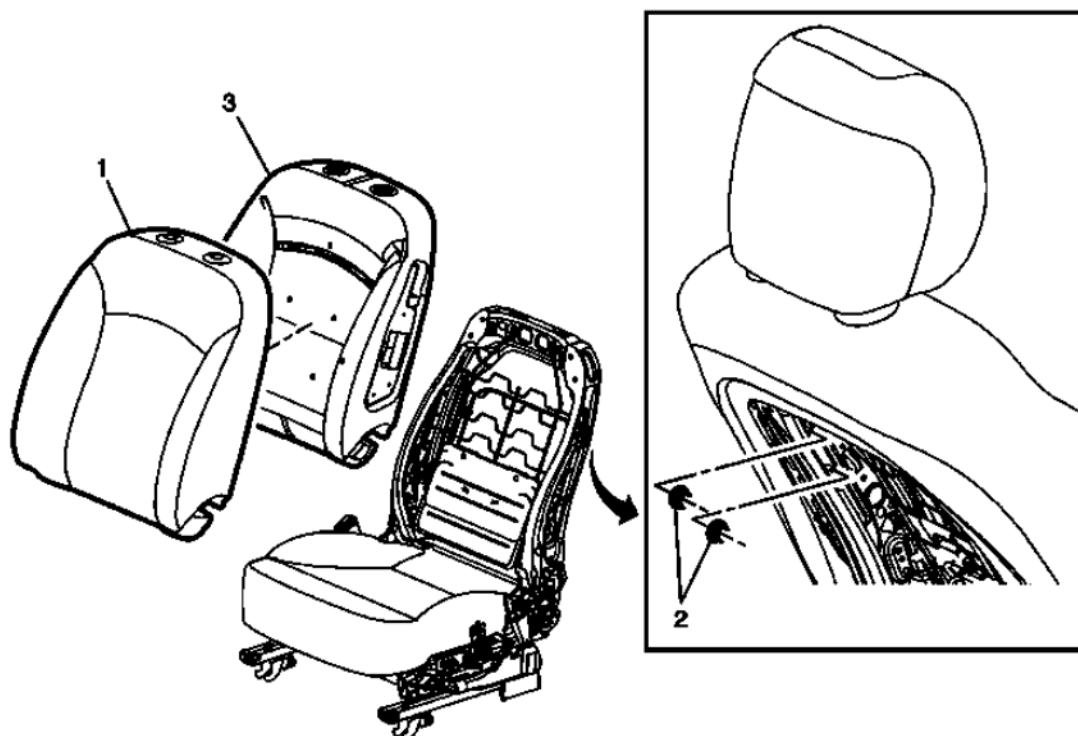


Fig. 26: Driver Or Passenger Seat Back Cushion Cover And Pad
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Back Pad Replacement

Callout	Component Name
WARNING: Refer to <u>SIR Warning</u> .	
WARNING: Do not repair or replace the seat stitching or seams in the seat back trim cover with an internal mounted seat side airbag module. Replace the complete seat back trim cover from the OEM. Non-OEM seat stitching may cause improper airbag deployment which could result in personal injury.	
Preliminary Procedures 1. Remove the driver or passenger seat. Refer to <u>Driver or Passenger Seat Removal and Installation</u>. 2. Remove the driver or passenger seat back cushion cover. Refer to <u>Driver or Passenger Seat Back Cushion Cover Replacement</u>.	
	Front Seat Seat Back Cushion Cover Procedure 1. Disengage the j-channel retainers from the seat back cushion frame. 2. Remove the connector position assurance (CPA) from the airbag

1	module. 3. Disconnect the electrical connector, if equipped. 4. Remove the airbag module nuts (2). Note the airbag module and harness routing for re-installation. 5. Remove the airbag from the chute. Refer to <u>Front Seat Outboard Seat Back Airbag Replacement</u> 6. Remove the seat back cushion cover, pad and airbag from the seat cushion frame as an assembly. 7. Remove the side inflatable module from the pocket, inside the trim cover.
2	Driver or Passenger Seat Side Inflatable Restraint Module Nut (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 5.5 N.m (49 lb in)
3	Front Seat Back Cushion Pad Procedure 1. Remove the hog rings from the seat back pad. 2. Pull the cushion cover off of the pad.

DRIVER OR PASSENGER SEAT BACK CUSHION FRAME REPLACEMENT

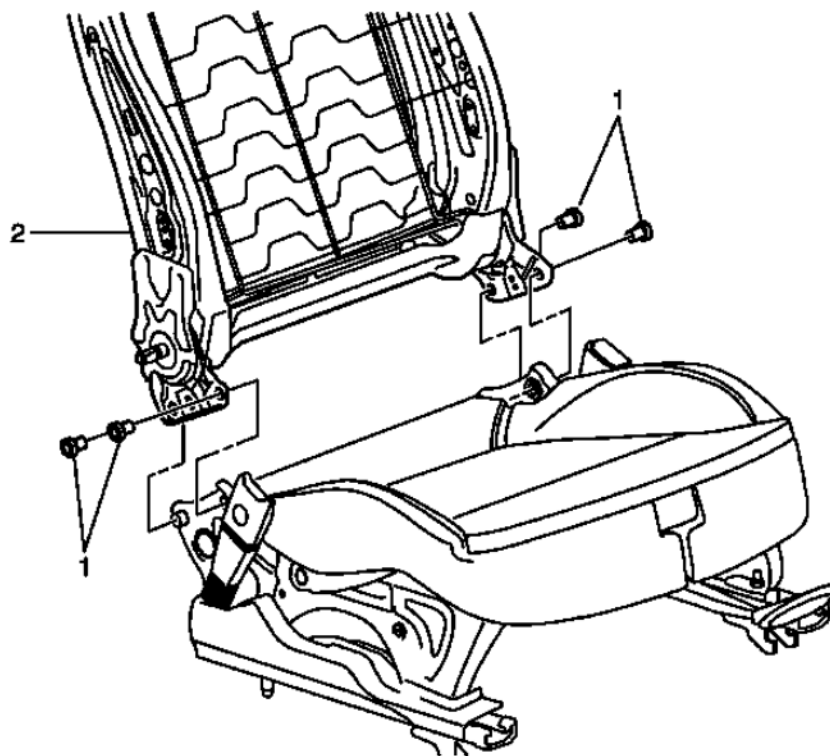


Fig. 27: Driver Or Passenger Seat Back Cushion Frame & Fasteners
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Back Cushion Frame Replacement

Callout	Component Name
Preliminary Procedures 1. Remove the front seat back cushion pad. Refer to <u>Front Seat Back Pad Replacement</u>. 2. Remove the driver or passenger seat outer recliner finish cover. Refer to <u>Driver or Passenger Seat Outer Recliner Finish Cover Replacement (Power)</u>, <u>Driver or Passenger Seat Outer Recliner Finish Cover Replacement (Manual)</u>. 3. Remove the driver or passenger seat inner recliner finish cover. Refer to <u>Driver or Passenger Seat Inner Recliner Finish Cover Replacement</u>. 4. Remove the driver or passenger seat recliner actuator. Refer to <u>Driver or Passenger Seat Recliner Actuator Replacement</u>.	
1	Driver or Passenger Seat Back Frame Fastener CAUTION: Refer to <u>Fastener Caution</u> . Tighten 35 N.m (26 lb ft)
	Driver or Passenger Seat Back Cushion Frame

2	Procedure 1. Disconnect electrical connector, if equipped. 2. If replacing with a new front seat back cushion frame, transfer components as necessary.
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FRONT SEAT RECLINER KNOB REPLACEMENT

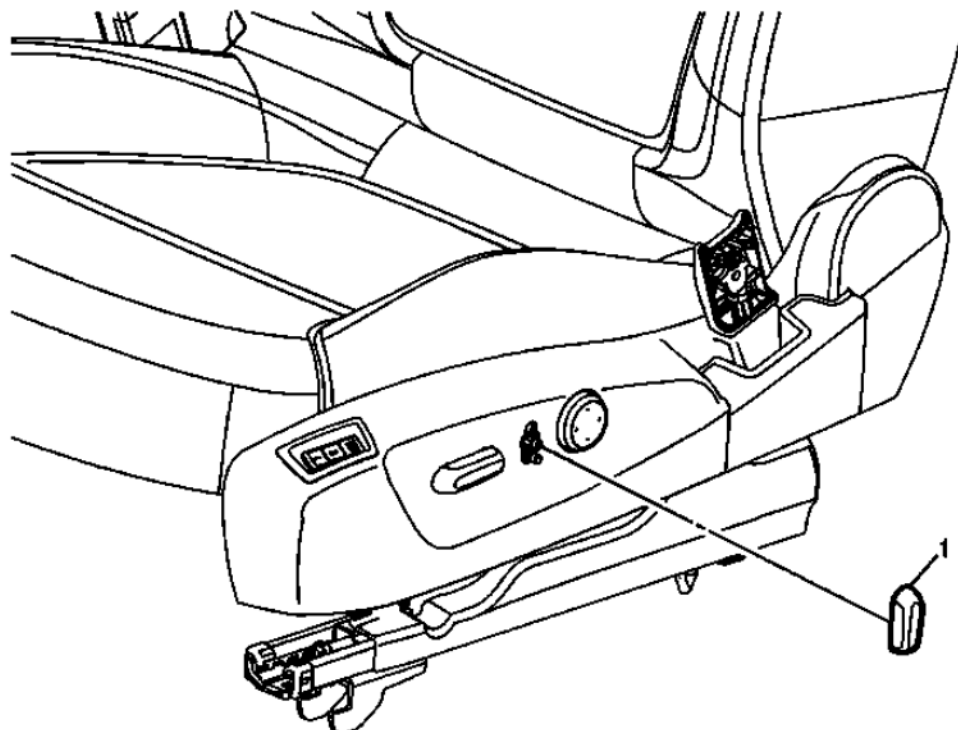


Fig. 28: Front Seat Recliner Knob
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Recliner Knob Replacement

Callout	Component Name
1	Front Seat Recliner Knob TIP: Use a small flat-bladed tool to clip out the knob.

FRONT SEAT RECLINER CONTROL REPLACEMENT (MANUAL)

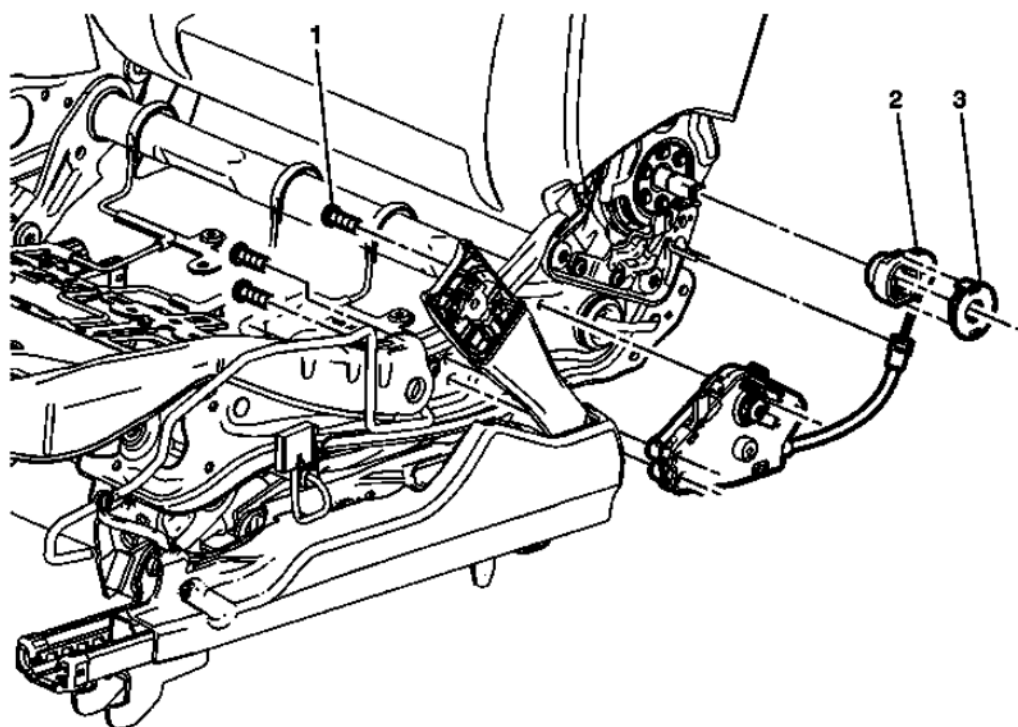


Fig. 29: Front Seat Recliner Control (Manual)
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Recliner Control Replacement (Manual)

Callout	Component Name
Preliminary Procedure Remove the seat cushion outer trim panel. Refer to .	
1	Front Seat Recliner Control Fastener (Qty: 3) CAUTION: Refer to <u>Fastener Caution</u> .
2	Front Seat Recliner Control Procedure 1. Note the location and routing of the cable prior to removal in order to ensure proper reinstallation. 2. Detach the recliner cable from the seat cushion outer finish panel bracket. 3. Disengage the recliner cable clip from the seat cushion frame.
3	Front Seat Recliner Control Cap

FRONT SEAT RECLINER CONTROL BRACKET REPLACEMENT (MANUAL)

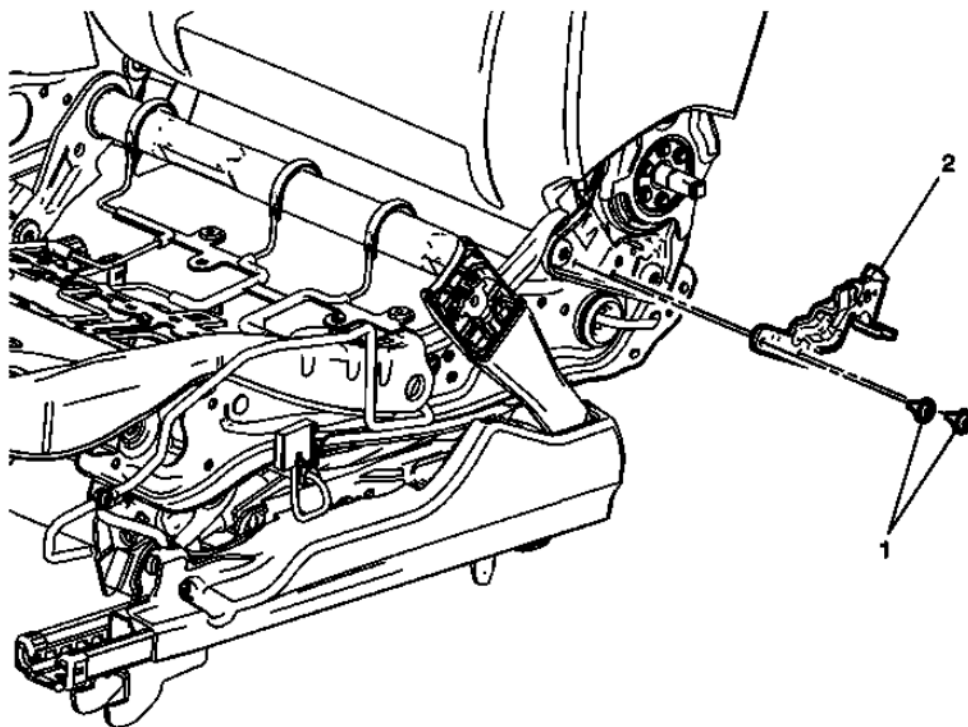


Fig. 30: Front Seat Recliner Control Bracket (Manual)

Courtesy of GENERAL MOTORS COMPANY

Front Seat Recliner Control Bracket Replacement (Manual)

Callout	Component Name
Preliminary Procedure Remove the front seat back cushion cover and pad. Refer to <u>Rear Seat Back Cushion Removal and Installation (40% w/Split Back)</u> , <u>Rear Seat Back Cushion Removal and Installation (60% w/Split Back)</u> .	
1	Front Seat Recliner Control Bracket Screw (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 4 N.m (35 lb in)
2	Front Seat Recliner Control Bracket Procedure If replacing with a new front seat back cushion frame, transfer components as necessary.

DRIVER OR PASSENGER SEAT RECLINER LEVER REPLACEMENT

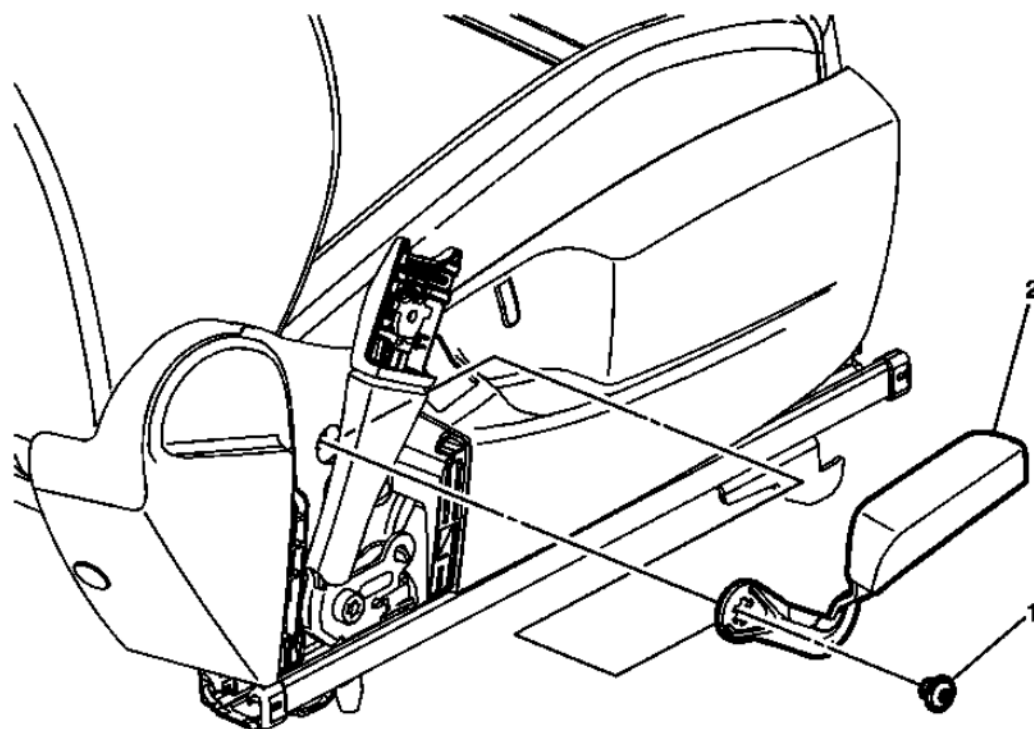


Fig. 31: Driver or Passenger Seat Recliner Lever
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Recliner Lever Replacement

Callout	Component Name
Preliminary Procedure Remove driver or passenger seat outer recliner finish cover. Refer to <u>Driver or Passenger Seat Outer Recliner Finish Cover Replacement (Power)</u> , <u>Driver or Passenger Seat Outer Recliner Finish Cover Replacement (Manual)</u> .	
1	Driver or Passenger Seat Recliner Lever Fastener CAUTION: Refer to <u>Fastener Caution</u> . Tighten 20 N.m (15 lb ft)
2	Driver or Passenger Seat Recliner Lever

FRONT SEAT BACK CUSHION COVER WIRE REPLACEMENT

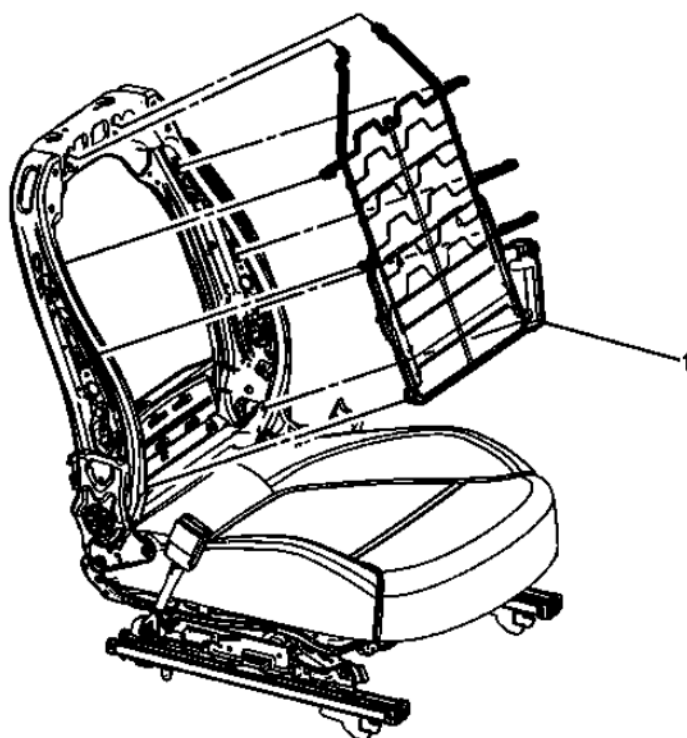


Fig. 32: Front Seat Back Cushion Cover Wire
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Back Cushion Cover Wire Replacement

Callout	Component Name
Preliminary Procedure WARNING: Refer to <u>SIR Warning</u> . 1. Disable the SIR system. Refer to <u>SIR Disabling and Enabling</u> 2. Remove the driver or passenger seat. Refer to <u>Driver or Passenger Seat Removal and Installation</u> . 3. Remove the front seat back cushion pad. Refer to <u>Front Seat Back Pad Replacement</u> .	
1	Front Seat Back Cushion Cover Wire Procedure 1. Disconnect the electrical connections to the lumbar pump and lumbar distributor. 2. Pull outward on the bottom of the front seat back cushion wire to release the lower support wires from the seat frame. 3. Pull side of front seat back cushion wire rearward and sideward to release the lower support wires.

4. Pull side of front seat back cushion wire forward and sideward to release the upper support wires.
5. Remove the front seat back cushion wire from the seat back frame.

REAR SEAT ARMREST MULTIFUNCTION COMPARTMENT ARMREST REPLACEMENT

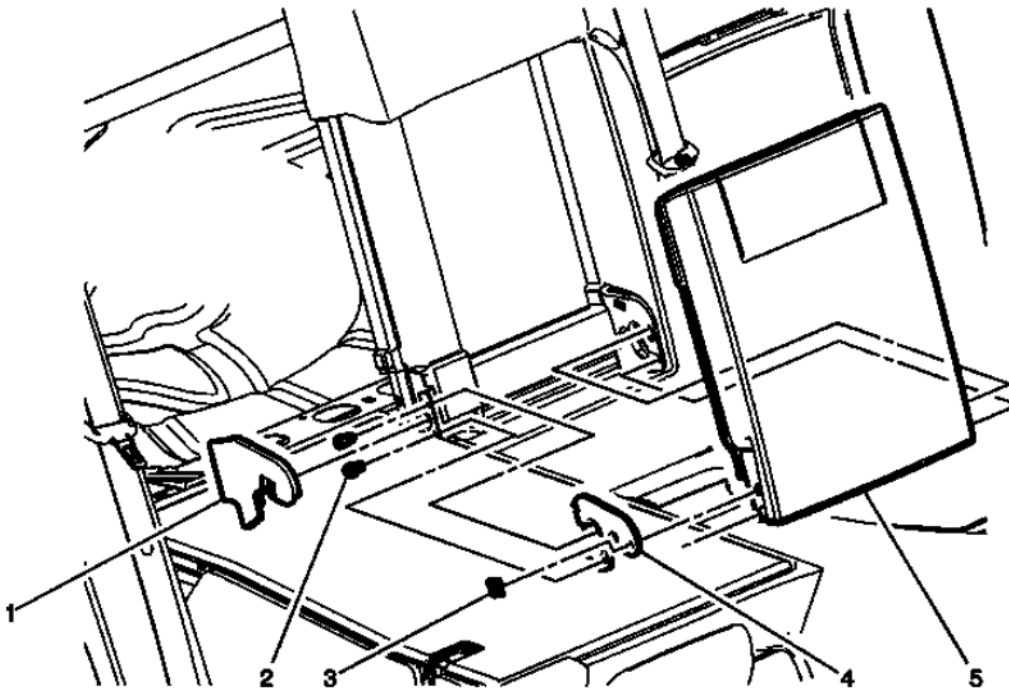


Fig. 33: Rear Seat Armrest Components
Courtesy of GENERAL MOTORS COMPANY

Rear Seat Armrest Multifunction Compartment Armrest Replacement

Callout	Component Name
Preliminary Procedure	
Remove the rear seat back cushion. Refer to Rear Seat Back Cushion Removal and Installation (40% w/Split Back) , Rear Seat Back Cushion Removal and Installation (60% w/Split Back)	
1	Rear Seat Armrest Hinge Finish Cover
2	Rear Seat Armrest Multifunction Compartment Fastener (Qty 2) CAUTION: Refer to <u>Fastener Caution</u> .
3	Rear Seat Armrest Multifunction Compartment Clip
4	Rear Seat Armrest Hinge Finish Bracket
5	Rear Seat Armrest Multifunction Compartment

REAR SEAT ARMREST MULTIFUNCTION COMPARTMENT UPPER COVER REPLACEMENT

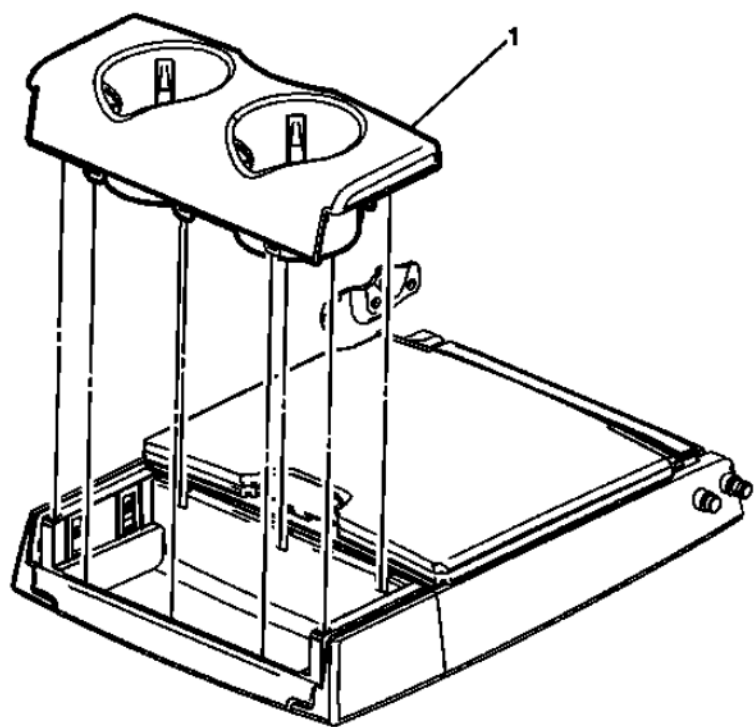


Fig. 34: Rear Seat Armrest Multifunction Compartment Upper Cover
Courtesy of GENERAL MOTORS COMPANY

Rear Seat Armrest Multifunction Compartment Upper Cover Replacement

Callout	Component Name
1	Rear Seat Armrest Multifunction Compartment Upper Cover Procedure Use a flat bladed trim tool to release the upper cover.

REAR SEAT HEAD RESTRAINT REPLACEMENT

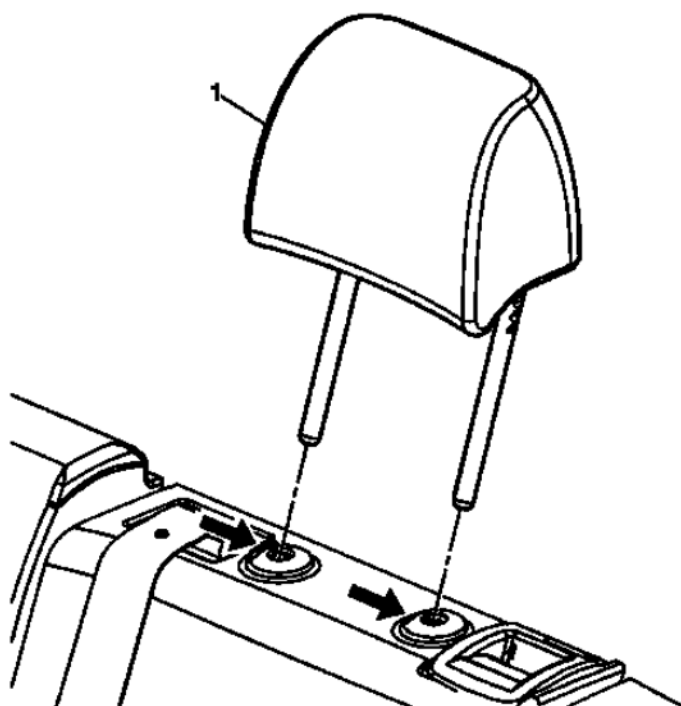


Fig. 35: Rear Seat Head Restraint
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Head Restraint Replacement

Callout	Component Name
1	Rear Seat Head Restraint Procedure 1. Tilt the seat forward to gain space between the head restraint and the roof. 2. Depress the large button on the head restraint guide and raise the head restraint to the full up position. 3. Depress the small button on the opposite head restraint guide and pull upward to remove from the seat.

REAR SEAT HEAD RESTRAINT GUIDE REPLACEMENT

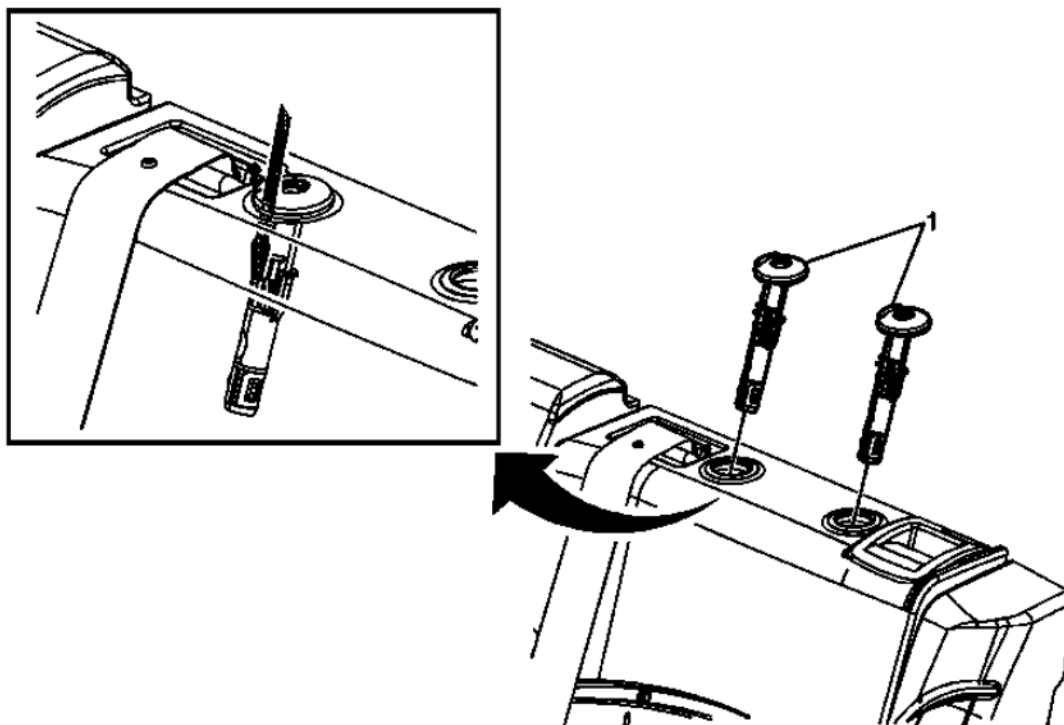


Fig. 36: Rear Seat Head Restraint Guide
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Head Restraint Guide Replacement

Callout	Component Name
Preliminary Procedure Remove the rear seat head restraint. Refer to <u>Rear Seat Head Restraint Replacement</u> .	
1	Rear Seat Head Restraint Guide Procedure Using a suitable flat-bladed tool, slide the tool between the cushion and the guide until you find the slot on the outboard side of the guide. Push inward on the guide slot tab, while pulling upward to remove the guide from the seat back frame.

REAR SEAT BACK BOLSTER REPLACEMENT

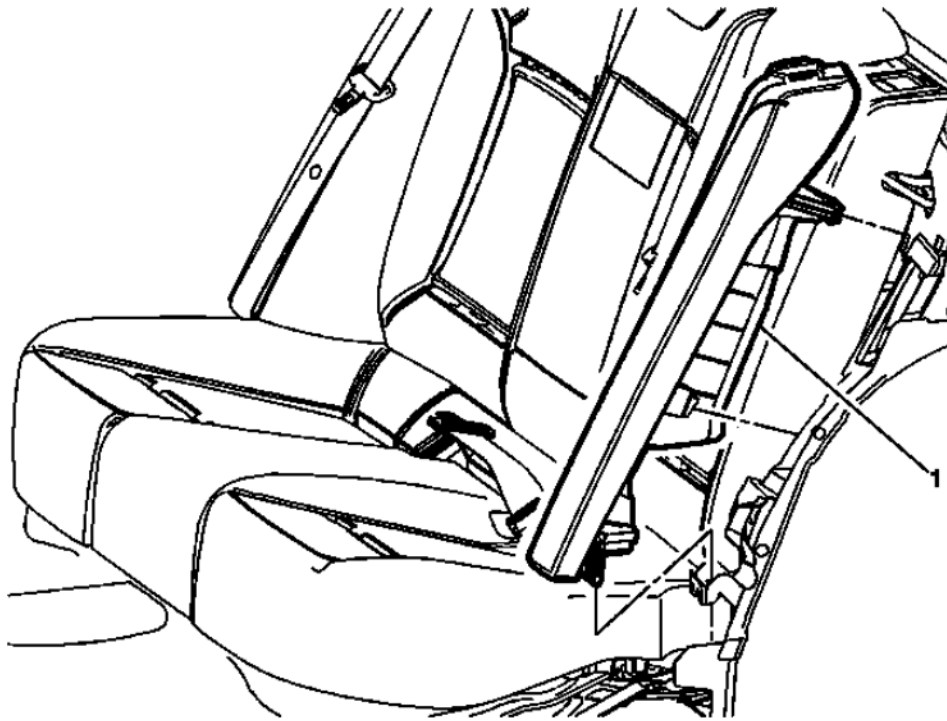


Fig. 37: Rear Seat Back Bolster
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Bolster Replacement

Callout	Component Name
1	Rear Seat Back Cushion Bolster WARNING: Refer to <u>SIR Warning</u> . Procedure 1. Disable the SIR system. Refer to <u>SIR Disabling and Enabling</u> 2. Fold rear seat back cushion down. 3. Pull the upper area of the seat back cushion bolster forward. 4. Use a suitable flat-bladed tool to release the retainer from the bolster's retaining bar. 5. Pull the seat back cushion bolster up to remove it from the rear seat.

REAR SEAT CUSHION FRAME RETAINER REPLACEMENT

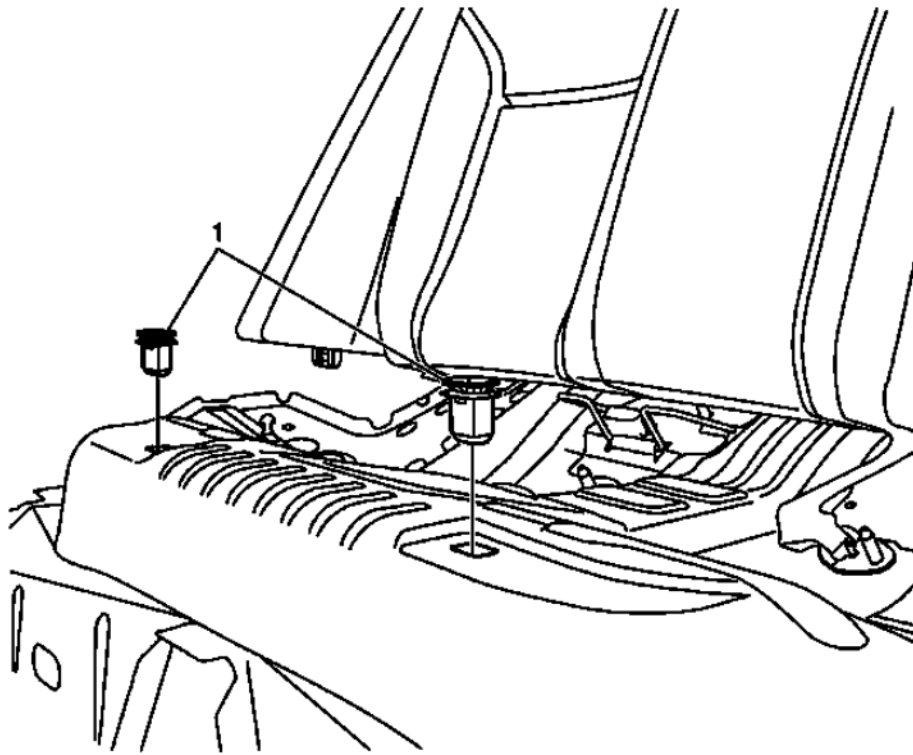


Fig. 38: Rear Seat Cushion Frame Retainer
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Cushion Frame Retainer Replacement

Callout	Component Name
Preliminary Procedure Remove rear seat cushion. Refer to Rear Seat Cushion Removal and Installation .	
1	Rear Seat Cushion Frame Retainer Procedure Using a suitable flat-bladed tool, remove the rear seat cushion frame retainer.

REAR SEAT BACK CUSHION PIVOT SUPPORT REPLACEMENT

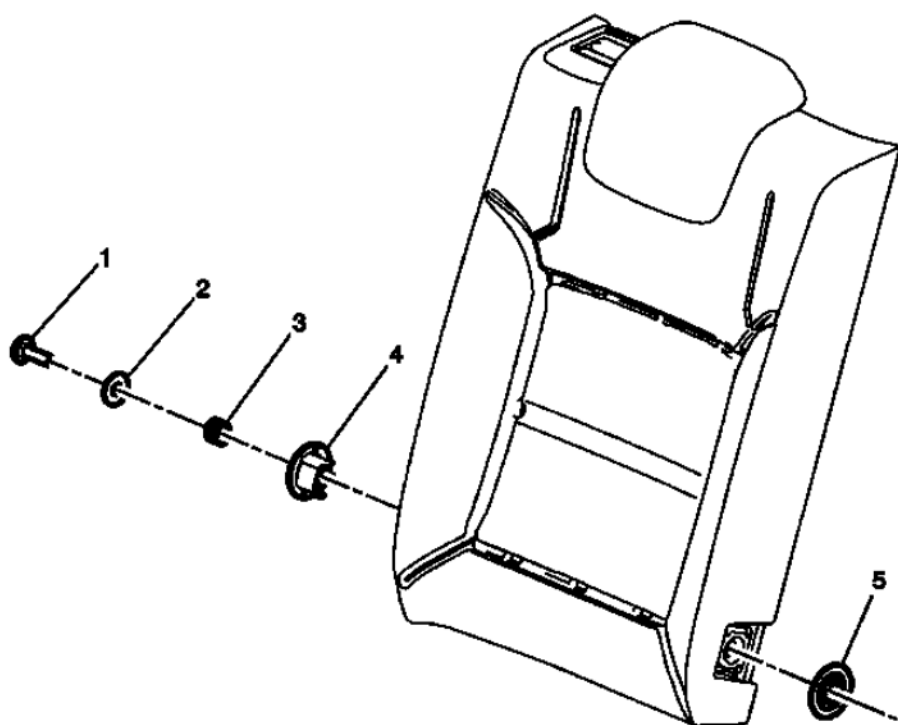


Fig. 39: Rear Seat Back Cushion Pivot Support
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Pivot Support Replacement

Callout	Component Name
Preliminary Procedure Remove the rear seat back cushion. Refer to <u>Rear Seat Back Cushion Removal and Installation (40% w/Split Back)</u> , <u>Rear Seat Back Cushion Removal and Installation (60% w/Split Back)</u> .	
1	Rear Seat Back Outer Pivot Bolt CAUTION: Refer to <u>Fastener Caution</u> . Tighten 23 N.m (17 lb ft)
2	Rear Seat Back Cushion Outer Pivot Bushing
3	Rear Seat Back Cushion Outer Pivot Bolt Spring
4	Rear Seat Back Cushion Pivot Support Housing
5	Rear Seat Back Center Finish Cover NOTE: The finish cover is only found on the 40% rear seat back cushion.

REAR SEAT CENTER HEAD RESTRAINT REPLACEMENT

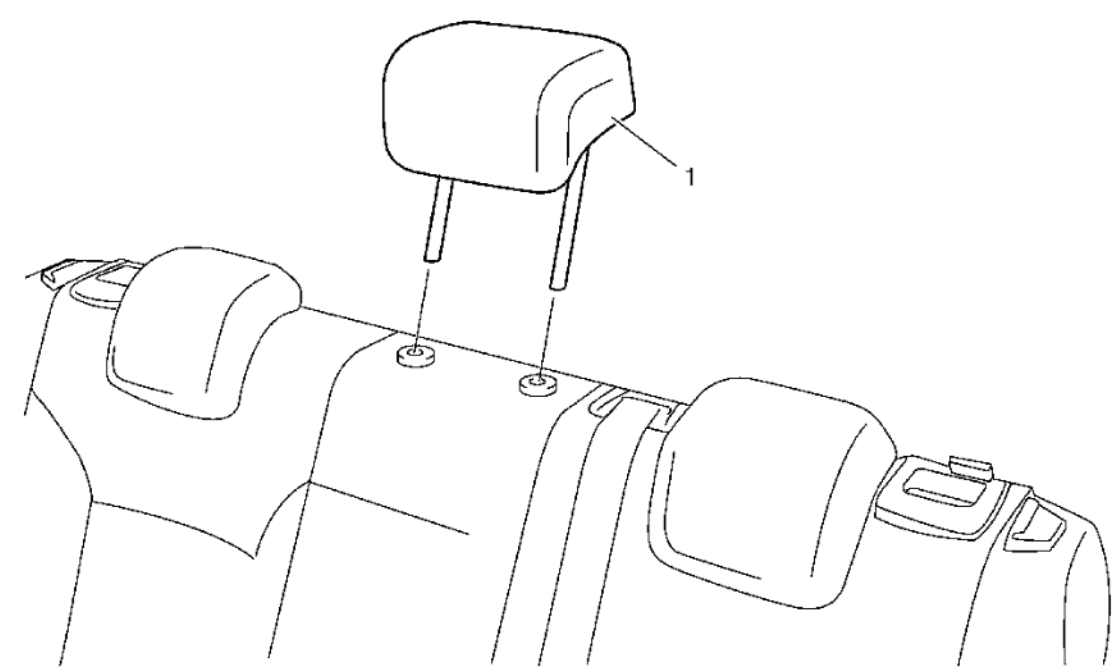


Fig. 40: Rear Seat Center Head Restraint
Courtesy of GENERAL MOTORS COMPANY

Rear Seat Center Head Restraint Replacement

Callout	Component Name
1	Rear Seat Center Head Restraint Procedure 1. Push both release buttons of the head restraint guide. 2. Move the head restraint up out of the guide.

REAR SEAT CUSHION COVER AND PAD REPLACEMENT

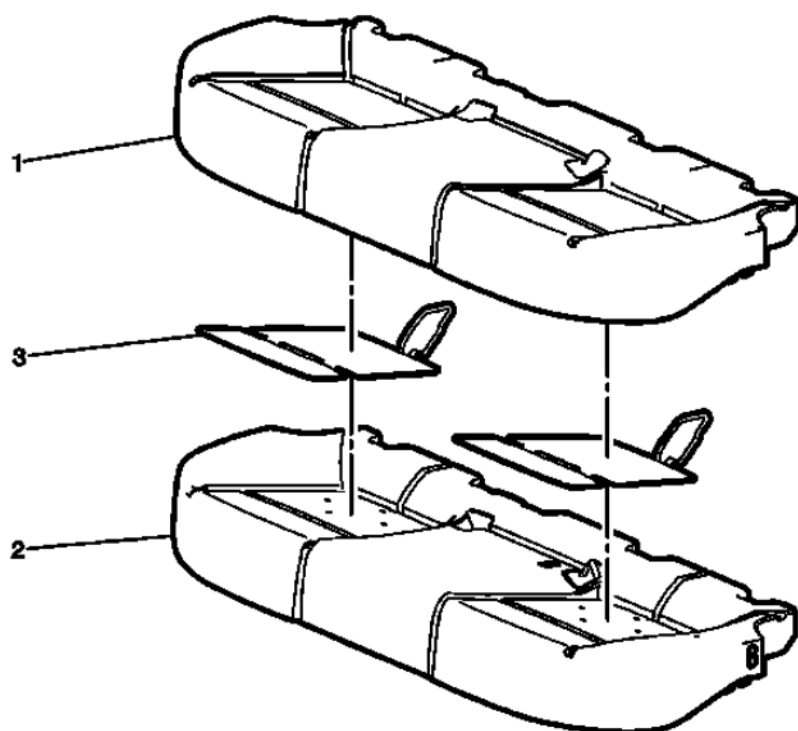


Fig. 41: Rear Seat Cushion Cover and Pad
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Cushion Cover and Pad Replacement

Callout	Component Name
Preliminary Procedure Remove the rear seat cushion. Refer to <u>Rear Seat Cushion Removal and Installation</u>	
1	Rear Seat Cushion Cover Procedure 1. Remove the hog rings that secure the rear seat cushion cover to the pad. 2. Pull the cover away from the pad to disengage any retainers. NOTE: When installing the rear seat cushion cover, pull the cover tightly in all corners to ensure that no creasing occurs.
2	Rear Seat Cushion Pad
3	Rear Seat Cushion Heater, If Equipped Procedure Remove the rear seat cushion heater. Refer to <u>Rear Seat Cushion Heater Replacement</u>

REAR SEAT CUSHION REMOVAL AND INSTALLATION

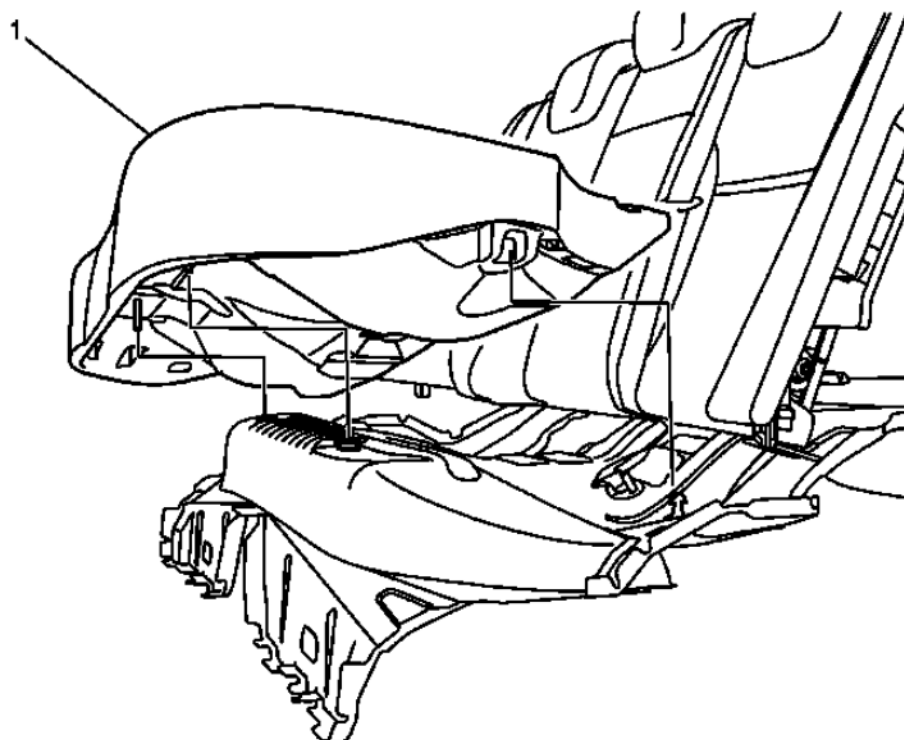


Fig. 42: Rear Seat Cushion

Courtesy of GENERAL MOTORS COMPANY

Rear Seat Cushion Removal and Installation

Callout	Component Name
1	Rear Seat Procedure 1. Release the rear seat center seat belts. 2. Lift up on the front of the seat cushion at the latch locations to disengage the cushion retainers from the floor. 3. Lift up on the rear of the seat cushion to disengage the cushion retainers from the floor. 4. Disconnect electrical connector, if equipped with rear seat heater. 5. Remove the rear seat cushion.

REAR SEAT BACK LATCH REPLACEMENT

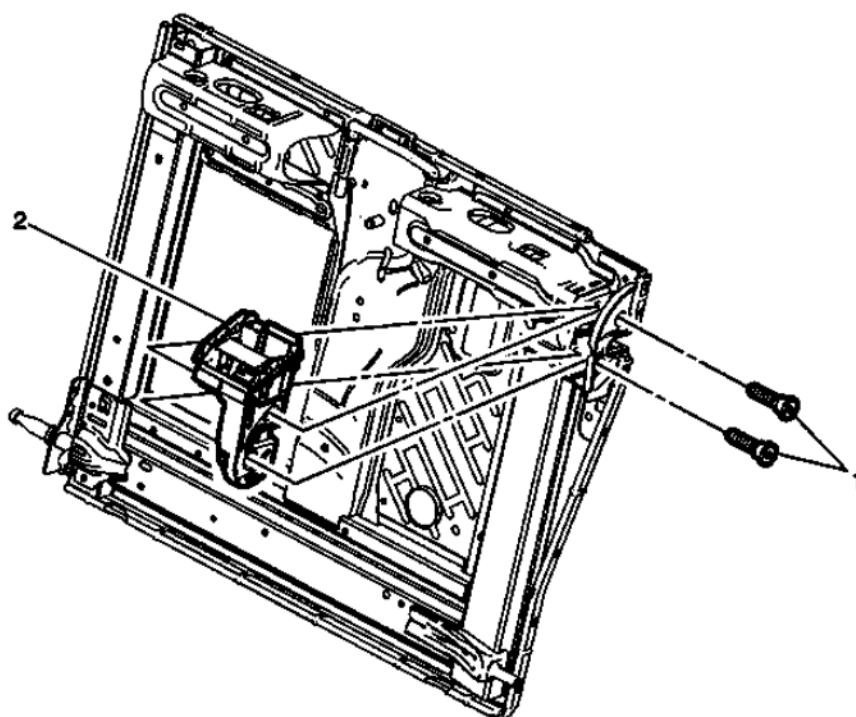


Fig. 43: Rear Seat Back Latch

Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Latch Replacement

Callout	Component Name
Preliminary Procedures 1. Remove the rear seat back cushion. Refer to <u>Rear Seat Back Cushion Removal and Installation (40% w/Split Back)</u>, <u>Rear Seat Back Cushion Removal and Installation (60% w/Split Back)</u>. 2. Remove the rear seat back cushion cover and pad. Refer to <u>Rear Seat Back Cushion Cover and Pad Replacement (40% w/Split Back)</u>, <u>Rear Seat Back Cushion Cover and Pad Replacement (60% w/Split Back)</u>.	
1	Rear Seat Back Latch Fastener (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 45 N.m (33 lb ft)
2	Rear Seat Back Latch

REAR SEAT BACK CUSHION REMOVAL AND INSTALLATION (40% W/SPLIT BACK)

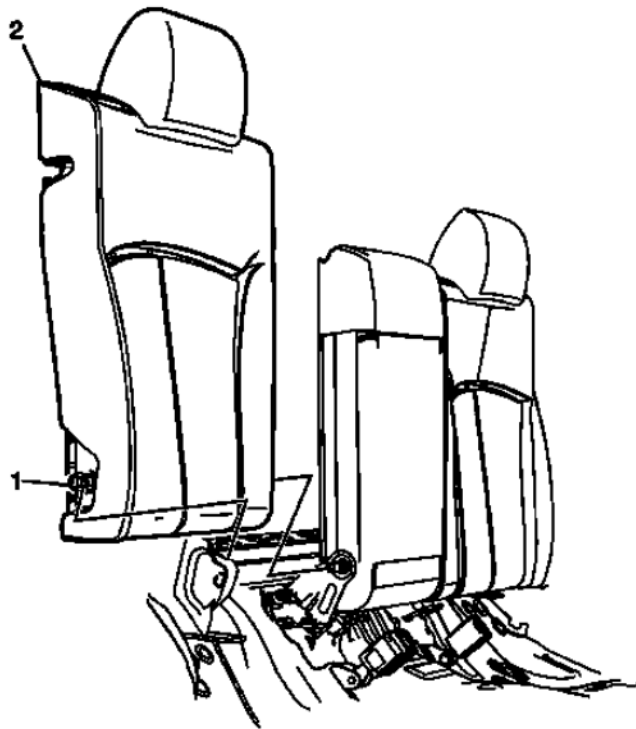


Fig. 44: Rear Seat Back Cushion (40% Side)
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Removal and Installation (40% w/Split Back)

Callout	Component Name
Preliminary Procedure 1. Remove the rear seat cushion. Refer to <u>Rear Seat Cushion Removal and Installation</u>. 2. Remove the rear seat back cushion bolster. Refer to <u>Rear Seat Back Bolster Replacement</u>	
1	Rear Seat Back Cushion Pivot Support Procedure 1. Pull the rear seat back cushion latch release located on the top of the rear seat back cushion, and fold the rear seat back cushion forward. 2. Push in on the rear seat back cushion pivot support, and release from bracket.
2	Rear Seat Back Cushion Procedure 1. Pull up on the outer side of the rear seat back cushion and remove the rear seat back cushion from the bracket and hinge.

2. Disconnect electrical connector, if equipped with rear seat heater.
3. Transfer components as necessary.

REAR SEAT BACK CUSHION REMOVAL AND INSTALLATION (60% W/SPLIT BACK)



Fig. 45: Rear Seat Back Cushion (60% Side)
Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Removal and Installation (60% w/Split Back)

Callout	Component Name
Preliminary Procedure	
1. Remove the rear seat cushion. Refer to Rear Seat Cushion Removal and Installation. 2. Remove the rear seat back cushion bolster. Refer to Rear Seat Back Bolster Replacement	
1	Rear Seat Back Cushion Pivot Support Procedure 1. Pull the rear seat back cushion latch release located on the top of the rear seat back cushion, and fold the rear seat back cushion forward. 2. Push in on the rear seat back cushion pivot support, and release from bracket.
	Rear Seat Back Cushion

	Procedure
2	1. Pull up on the outer side of the rear seat back cushion and remove the rear seat back cushion from the bracket and hinge. 2. Transfer components as necessary.

REAR SEAT BELT OPENING COVER REPLACEMENT

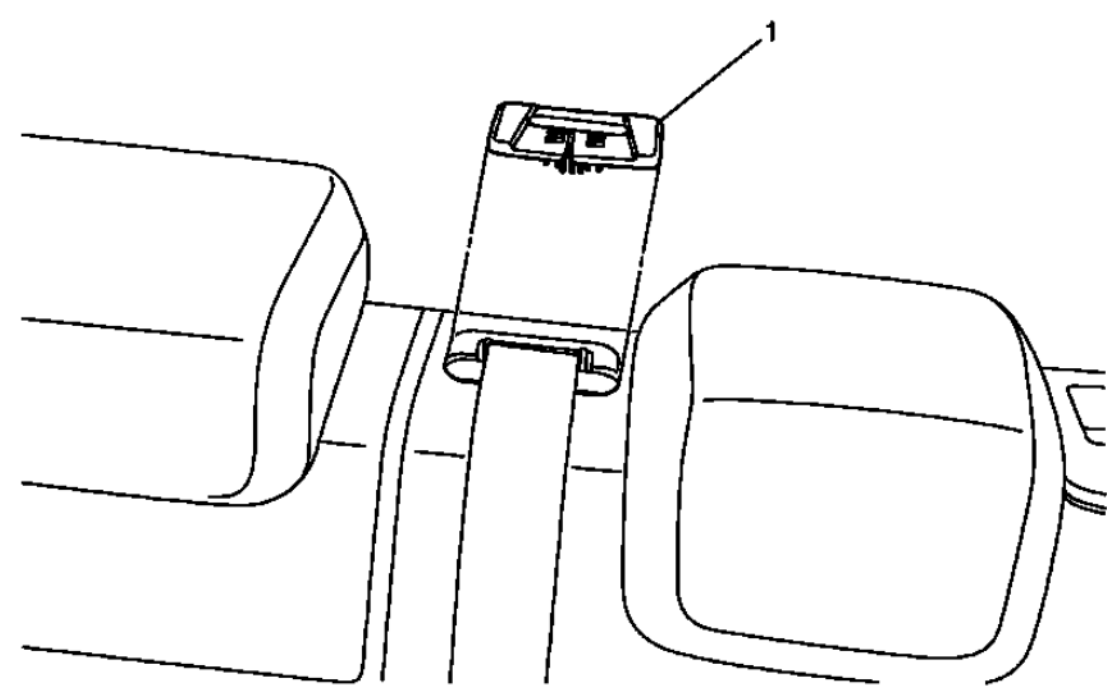


Fig. 46: Rear Seat Shoulder Belt Opening Cover
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Belt Opening Cover Replacement

Callout	Component Name
1	Rear Seat Back Shoulder Belt Opening Cover Procedure 1. Use a suitable flat-bladed tool to release the opening cover from the rear and then slide it out rearwards. 2. Route the rear seat retractor belt through the opening in the rear seat back shoulder opening cover.

REAR SEAT BACK CUSHION CARPET REPLACEMENT (40% W/SPLIT BACK)

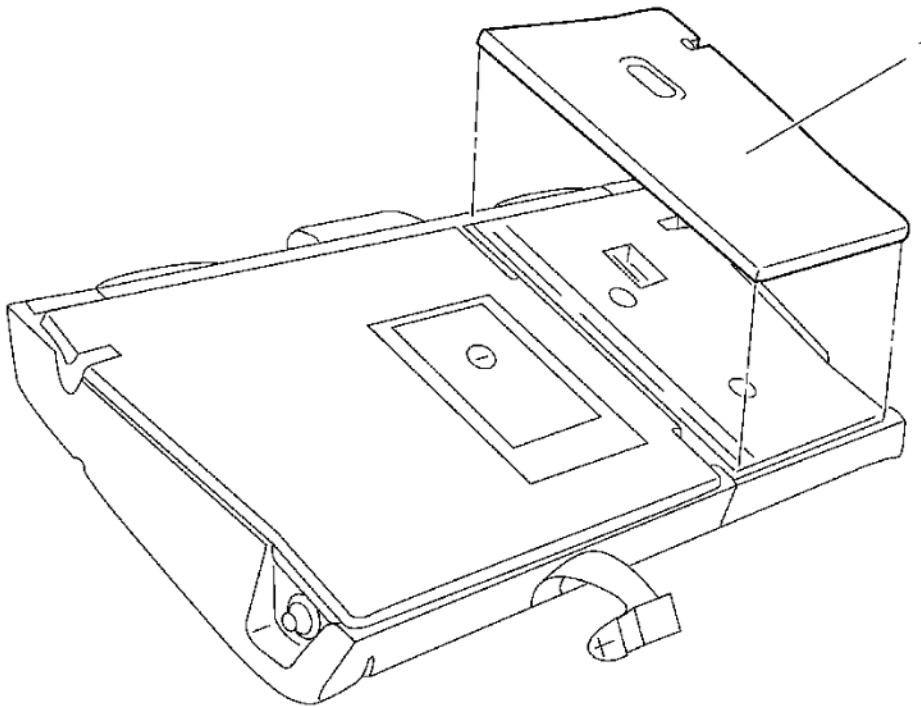


Fig. 47: Rear Seat Back Cushion Carpet (40% Side)
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Carpet Replacement (40% w/Split Back)

Callout	Component Name
Procedure Remove the rear seat back cushion latch release knob. Refer to <u>Rear Seat Back Cushion Latch Release Knob Bezel Replacement (40% w/Split Back)</u>	
1	Rear Seat Back Cushion Carpet Procedure 1. Fold the rear seat back cushion assembly forward. 2. Loosen out the rear seat back cushion. 3. Remove any retainers that attach the carpet to the seat back frame. 4. Disengage the rear seat back cushion carpet from the seat back frame

REAR SEAT BACK CUSHION CARPET REPLACEMENT (60% W/SPLIT BACK)

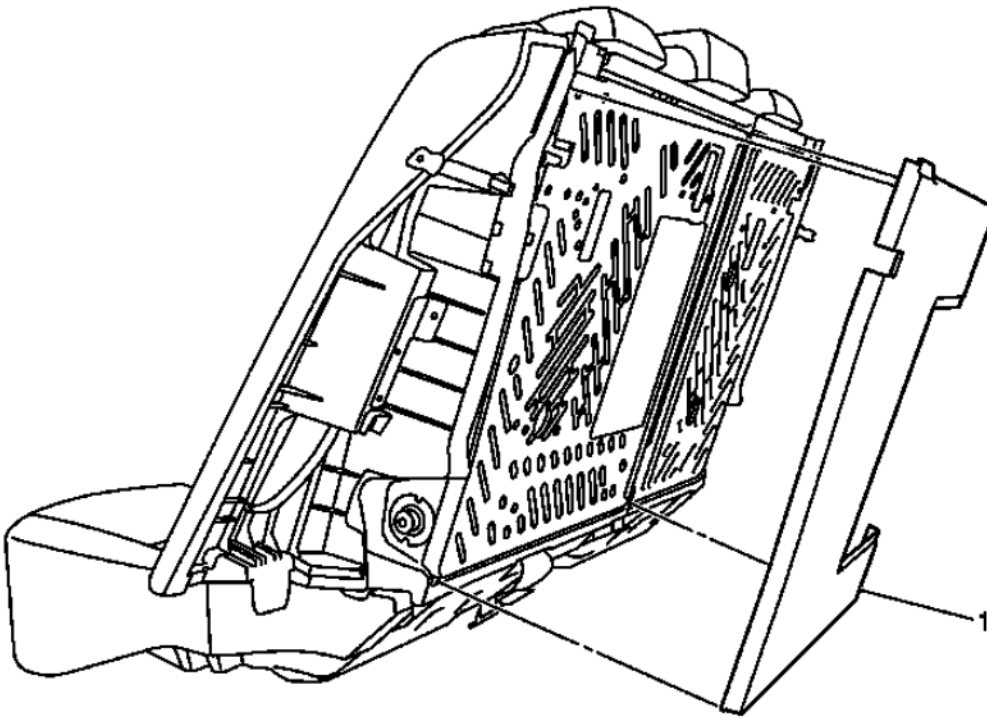


Fig. 48: Rear Seat Back Cushion Carpet (60% Side)
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Carpet Replacement (60% w/Split Back)

Callout	Component Name
Procedure Remove the rear seat back cushion latch release knob. Refer to <u>Rear Seat Back Cushion Latch Release Knob Bezel Replacement (60% w/Split Back)</u>	
1	Rear Seat Back Cushion Carpet Procedure 1. Fold the rear seat back cushion assembly forward. 2. Loosen out the rear seat back cushion. 3. Remove any retainers that attach the carpet to the seat back frame. 4. Disengage the rear seat back cushion carpet from the seat back frame

REAR SEAT BACK CUSHION COVER AND PAD REPLACEMENT (40% W/SPLT BACK)

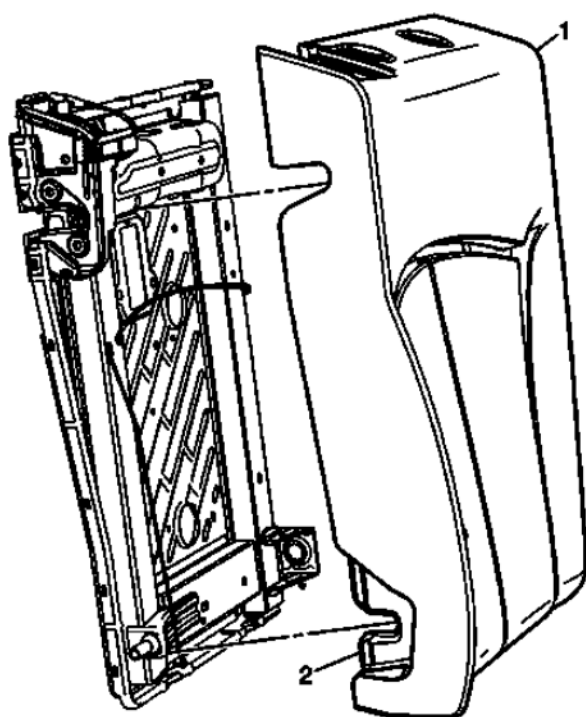


Fig. 49: Rear Seat Back Cushion Cover And Pad (40% Side)

Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Cover and Pad Replacement (40% w/Split Back)

Callout	Component Name
Preliminary Procedures 1. Remove the rear seat back cushion bolster. Refer to Rear Seat Back Bolster Replacement. 2. Remove the rear seat back cushion. Refer to Rear Seat Back Cushion Removal and Installation (40% w/Split Back). 3. Remove the rear seat back cushion carpet. Refer to Rear Seat Back Cushion Carpet Replacement (40% w/Split Back). 4. Remove the rear seat head restraint guides. Refer to Rear Seat Head Restraint Guide Replacement. 5. Remove the rear seat back cushion latch release knob bezel. Refer to Rear Seat Back Cushion Latch Release Knob Bezel Replacement (40% w/Split Back).	
1	Rear Seat Back Cushion Cover Procedure 1. Remove the hook and loop fasteners that secure the rear seat back cushion cover to the pad. 2. For easier installation, install rear seat back cushion carpet first before installing the cushion cover to the rear seat frame.

REAR SEAT BACK CUSHION COVER AND PAD REPLACEMENT (60% W/SPLIT BACK)

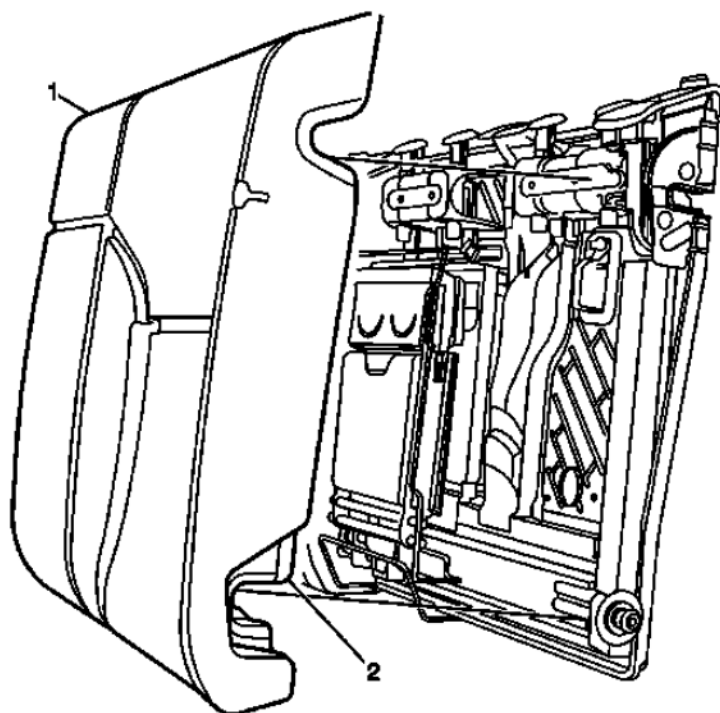


Fig. 50: Rear Seat Back Cushion Cover And Pad (60% Side)
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Cover and Pad Replacement (60% w/Split Back)

Callout	Component Name
Preliminary Procedures	
1.	Remove the rear seat back cushion bolster. Refer to Rear Seat Back Bolster Replacement .
2.	Remove the rear seat back cushion. Refer to Rear Seat Back Cushion Removal and Installation (60% w/Split Back) .
3.	Remove the rear seat back armrest multifunction compartment. Refer to Rear Seat Armrest Multifunction Compartment Armrest Replacement .
4.	Remove the rear seat back cushion carpet. Refer to Rear Seat Back Cushion Carpet Replacement (60% w/Split Back) .
5.	Remove the rear seat head restraint guides. Refer to Rear Seat Head Restraint Guide Replacement .
6.	Remove the rear seat shoulder belt opening cover. Refer to Rear Seat Belt Opening Cover Replacement .
7.	Remove the rear seat back cushion latch release knob bezel. Refer to Rear Seat Back Cushion Latch Release Knob Bezel Replacement (60% w/Split Back) .

8. Remove the rear seat armrest frame bracket.	
9. Remove the rear compartment access door.	
1	Rear Seat Back Cushion Cover Procedure 1. Remove the rear seat back cushion cover retainers. 2. Remove the hook and loop fasteners that secure the rear seat back cushion cover to the pad. 3. For easier installation, install rear seat back cushion carpet first before installing the cushion cover to the rear seat frame.
2	Rear Seat Back Cushion Pad

REAR SEAT BACK CUSHION FRAME REPLACEMENT (40% W/SPLIT BACK)

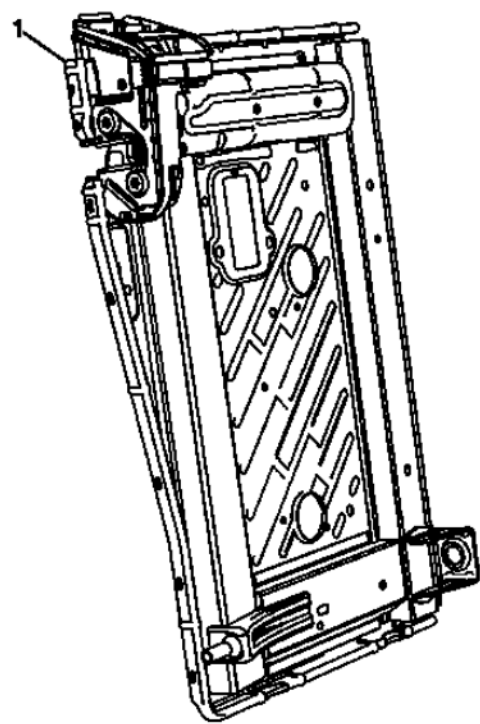


Fig. 51: Rear Seat Back Cushion Panel (40% Side)
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Frame Replacement (40% w/Split Back)

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat back cushion bolster. Refer to <u>Rear Seat Back Bolster Replacement</u>. 2. Remove the rear seat back cushion. Refer to <u>Rear Seat Back Cushion Removal and Installation</u>	

(40% w/Split Back).

3. Remove the rear seat back cushion cover and pad. Refer to **Rear Seat Back Cushion Cover and Pad Replacement (40% w/Split Back).**
4. Remove the rear seat back cushion pivot support. Refer to **Rear Seat Back Cushion Pivot Support Replacement.**
5. Remove the rear seat back cushion latch. Refer to **Rear Seat Back Cushion Latch Release Knob Bezel Replacement (40% w/Split Back).**

1

Rear Seat Back Cushion Frame

Procedure

If replacing the seat back cushion frame, transfer components as necessary.

REAR SEAT BACK CUSHION FRAME REPLACEMENT (60% W/SPLIT BACK)

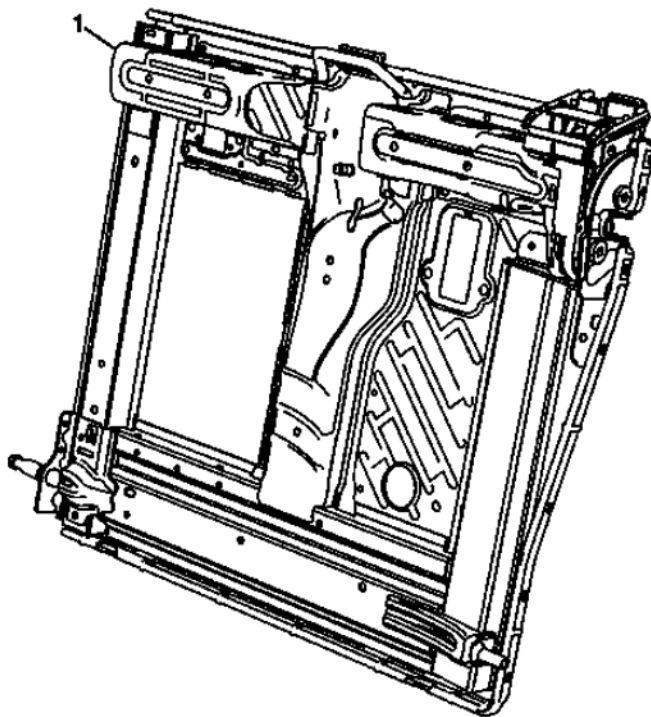


Fig. 52: Rear Seat Back Cushion Panel (60% Side)

Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Frame Replacement (60% w/Split Back)

Callout	Component Name
Preliminary Procedures	
1.	Remove the rear seat back cushion bolster. Refer to <u>Rear Seat Back Bolster Replacement.</u>
2.	Remove the rear seat armrest multifunction compartment armrest. Refer to <u>Rear Seat Armrest Multifunction Compartment Armrest Replacement.</u>

3. Remove the rear seat back cushion. Refer to **Rear Seat Back Cushion Removal and Installation (60% w/Split Back)**.
4. Remove the rear seat back cushion cover and pad. Refer to **Rear Seat Back Cushion Cover and Pad Replacement (60% w/Split Back)**.
5. Remove the rear seat center retractor side belt. Refer to **Rear Seat Center Retractor Side Belt Replacement**.
6. Remove the rear seat back cushion pivot support. Refer to **Rear Seat Back Cushion Pivot Support Replacement**.
7. Remove the rear seat back cushion latch. Refer to **Rear Seat Back Cushion Latch Release Knob Bezel Replacement (60% w/Split Back)**.

1	Rear Seat Back Cushion Frame Procedure If replacing the seat back cushion frame, transfer components as necessary.
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REAR SEAT BACK CUSHION HINGE REPLACEMENT

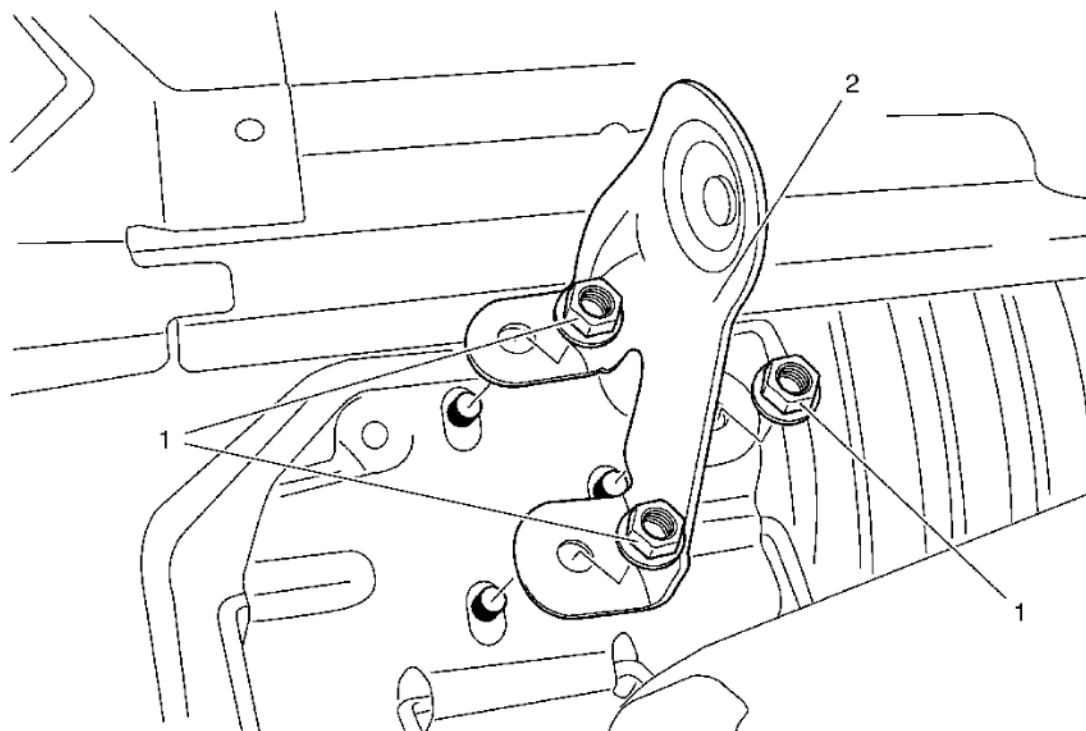


Fig. 53: Rear Seat Back Cushion Hinge & Fasteners
Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Hinge Replacement

Callout	Component Name
Preliminary Procedure	

1. Remove the rear seat cushion. Refer to <u>Rear Seat Cushion Removal and Installation</u> 2. Remove the rear seat back cushion. Refer to <u>Rear Seat Back Cushion Removal and Installation (40% w/Split Back)</u> , <u>Rear Seat Back Cushion Removal and Installation (60% w/Split Back)</u>	
1	Rear Seat Back Cushion Hinge Fastener Qty: 3) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 43 N.m (32 lb ft)
2	Rear Seat Back Cushion Hinge Procedure Detach the rear seat back cushion hinge from the guide pin.

REAR SEAT BACK CUSHION LATCH RELEASE KNOB BEZEL REPLACEMENT (40% W/SPLIT BACK)

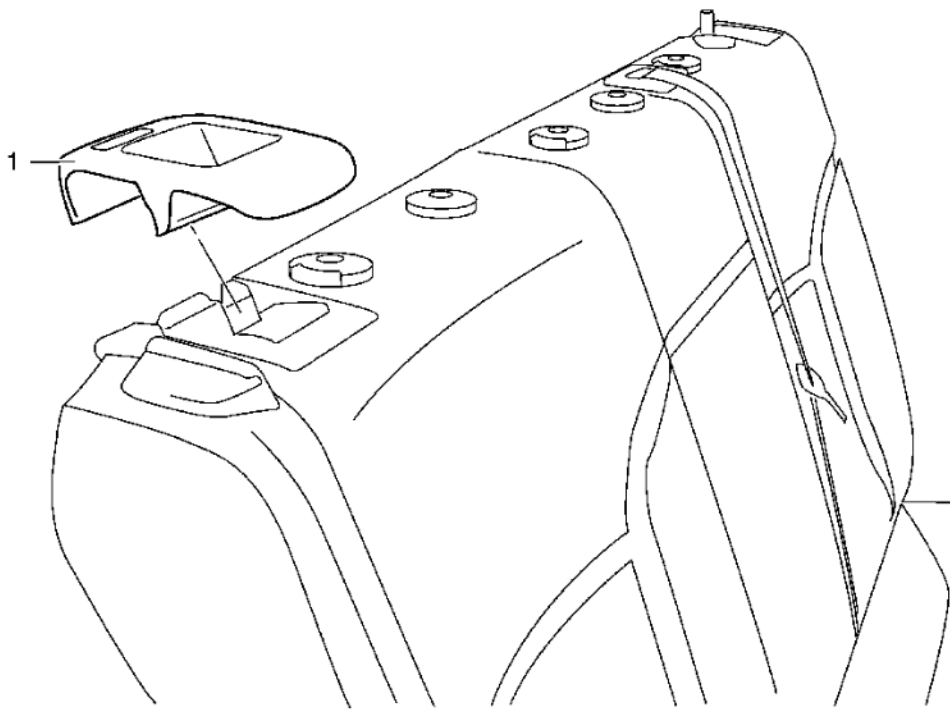


Fig. 54: Rear Seat Back Cushion Latch Release Handle
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Latch Release Knob Bezel Replacement (40% w/Split Back)

Callout	Component Name
	Rear Seat Back Cushion Latch Release Knob Bezel

1

Procedure

Release the rear seat back cushion latch release knob bezel using a commercial screwdriver.

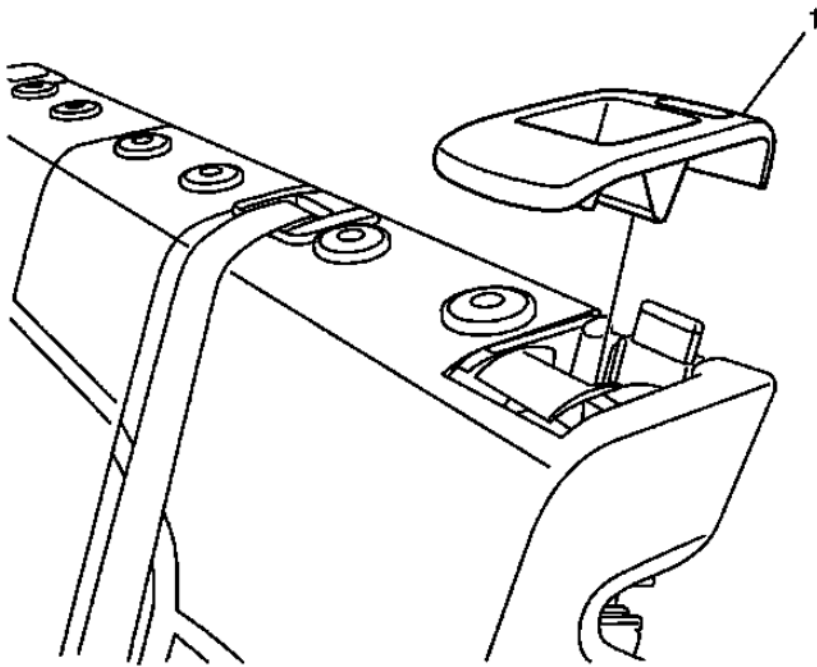
REAR SEAT BACK CUSHION LATCH RELEASE KNOB BEZEL REPLACEMENT (60% W/SPLIT BACK)

Fig. 55: Rear Seat Back Cushion Latch Release Knob Bezel (60% w/Split Back)

Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Latch Release Knob Bezel Replacement (60% w/Split Back)

Callout	Component Name
1	Rear Seat Back Cushion Latch Release Knob Bezel TIP: Remove the rear seat back cushion latch release knob bezel using a commercial screw driver.